

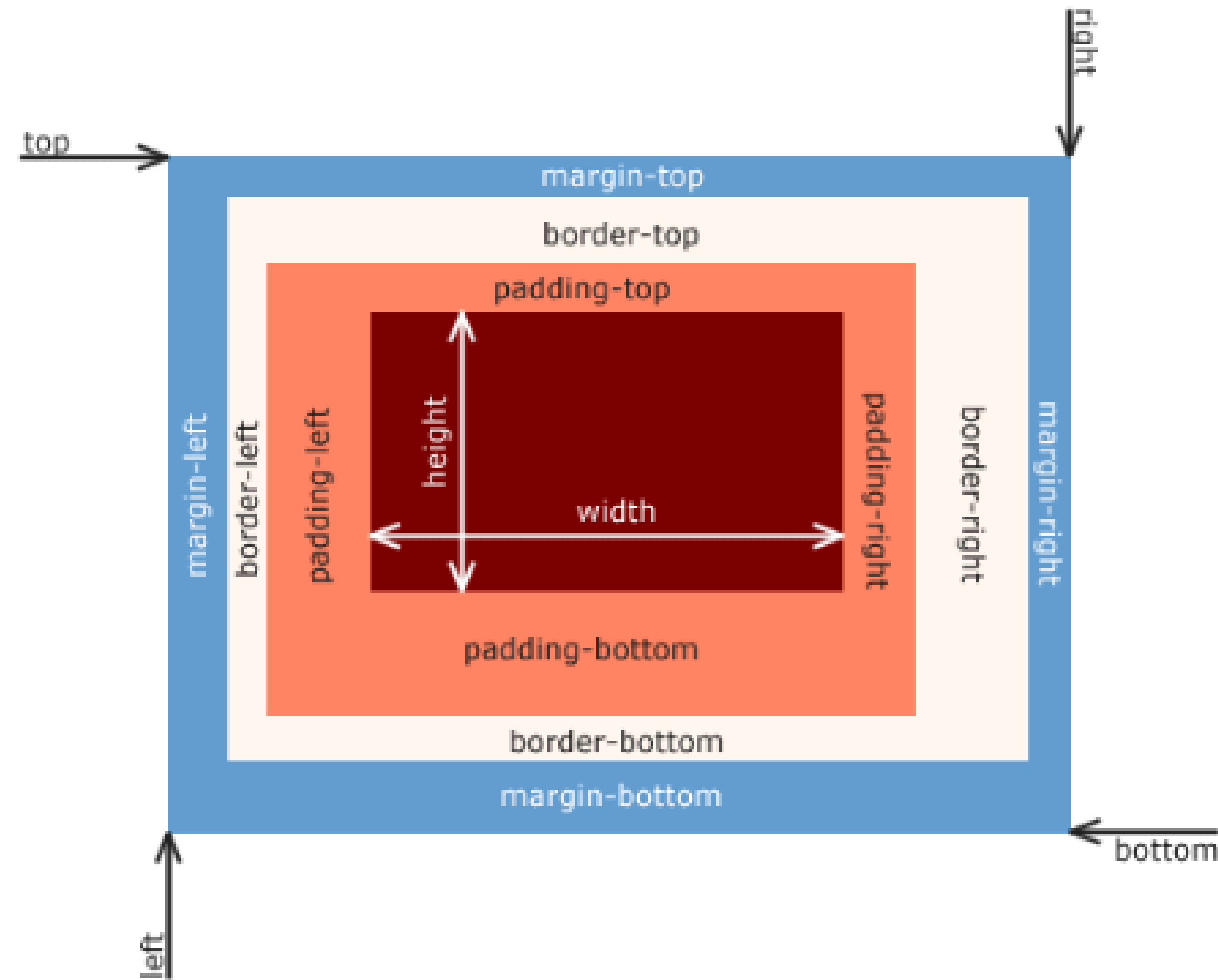


**INSTITUTO FEDERAL
DE EDUCAÇÃO, CIÊNCIA E TECNOLOGIA**
Rio de Janeiro

Disciplina
Programação Front-End I

PROF. FERNANDO TAMBERLINI ALVES

Box Model



Background

- `background` - `<color>` `<image>` `<position/size>` `<repeat>``<attachement>`
`<origin>` `<clip>`;
- `background-color` - cor de fundo (`red`, `#hex`, `rgb()`, `rgba()`, `hsl()`, `transparent`, `currentColor`)
- `background-image` - define a imagem de fundo(`url("image.jpg")`, `none`)
- `background-repeat` - controla se e como a imagem de fundo se repete (`repeat`, `repeat-x`, `repeat-y`, `no-repeat`, `space`)
- `background-position` - define a posição da image (`x,y`)
- `background-size` - define o tamanho da imagem de fundo(`auto`, `cover`, `contain`, unidades de medida)
- `background-attachment` - define se imagem de fundo rola com a página ou não (`scroll`, `fixed` ou `local`)
- `background-origin` - define o ponto de origem da imagem de fundo (`padding-box`, `border-box` e `content-box`)
- `background-clip` - define até onde o fundo se estende (`padding-box`, `border-box`, `content-box`)

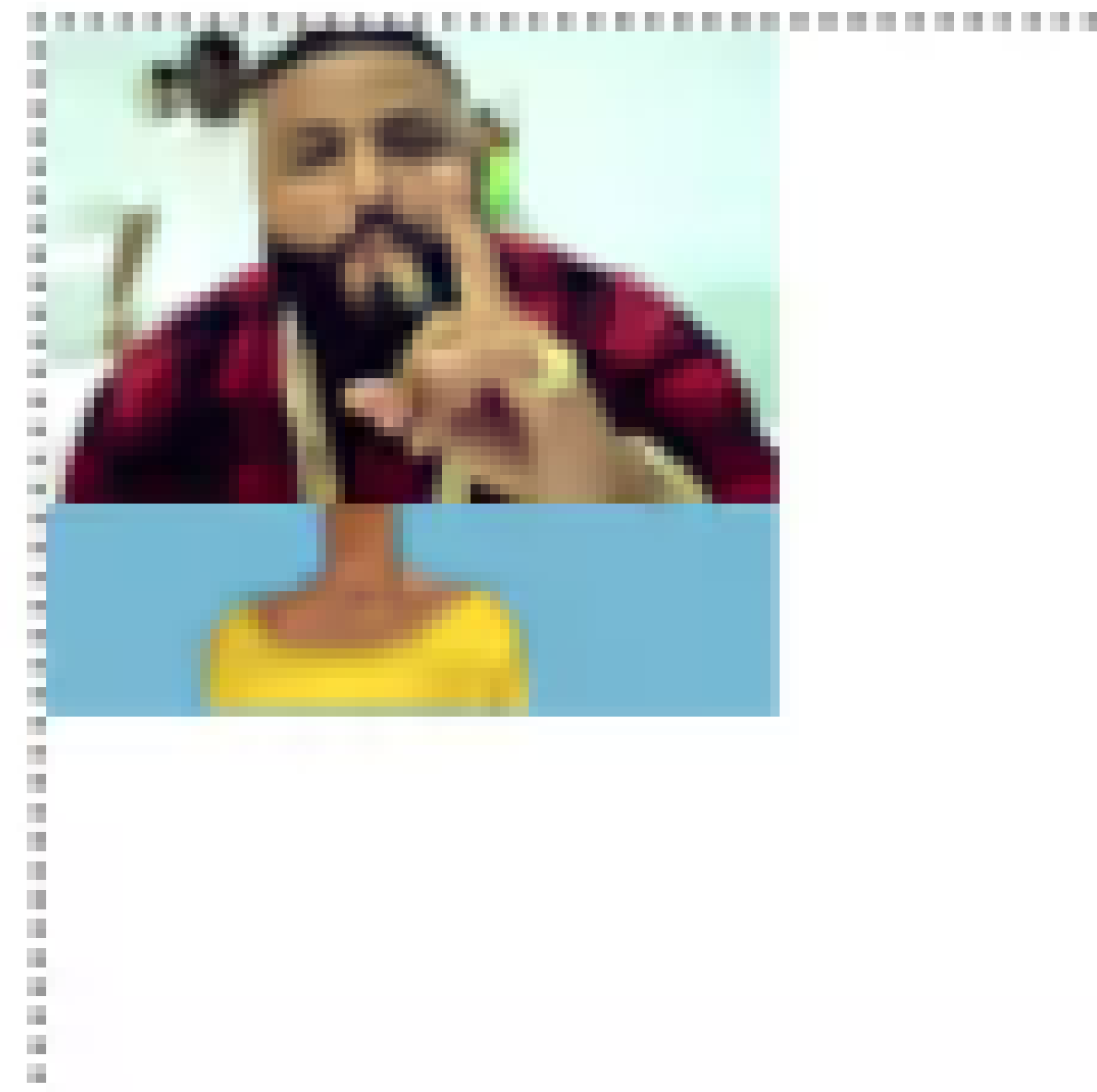
background-image



`url(...)`

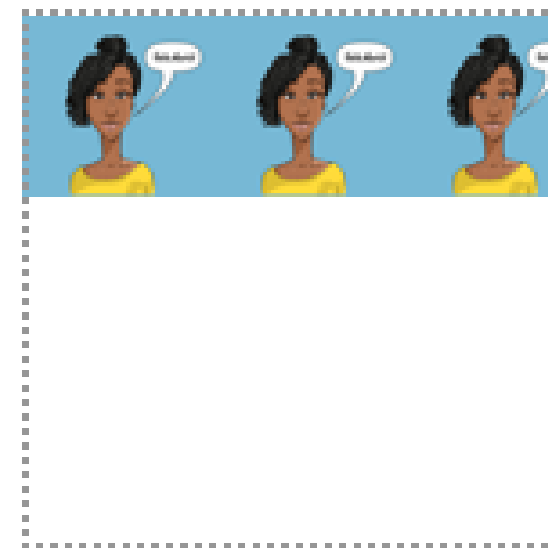


`none`

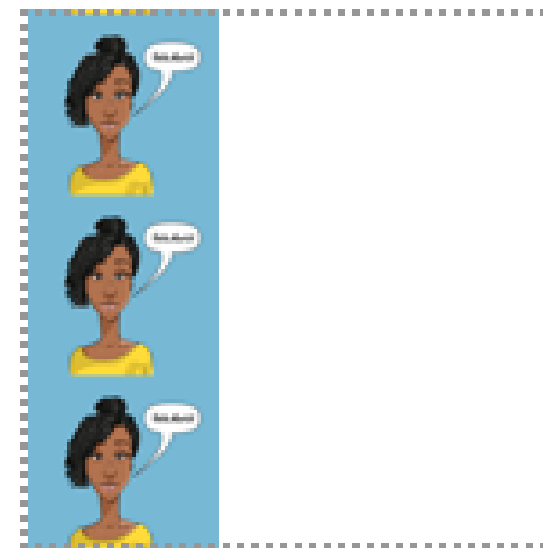


`multiple`

background-repeat



repeat-x



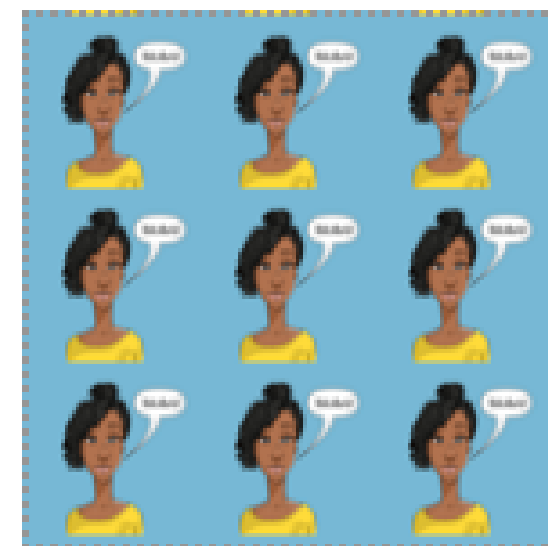
repeat-y



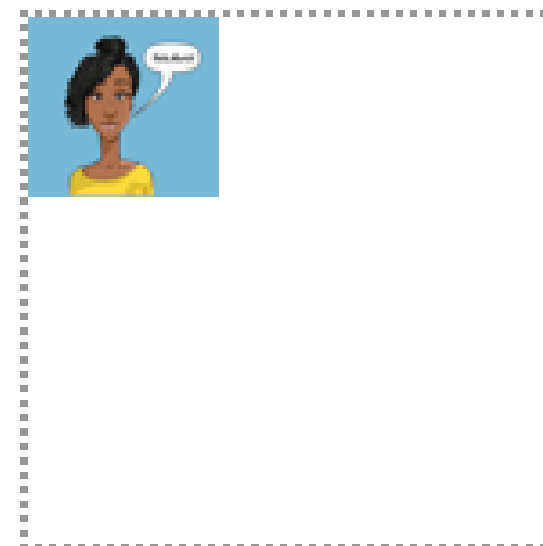
repeat



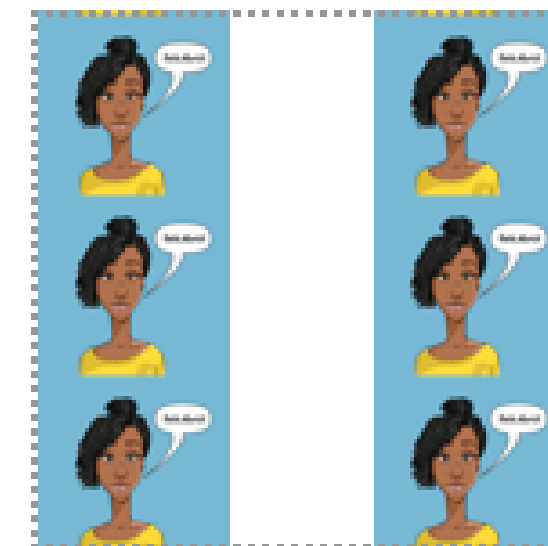
space



round



no-repeat

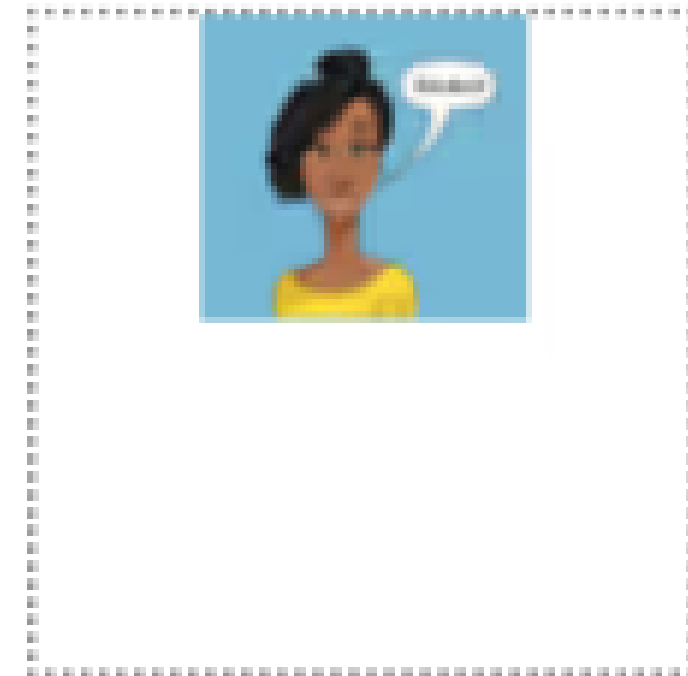


space repeat

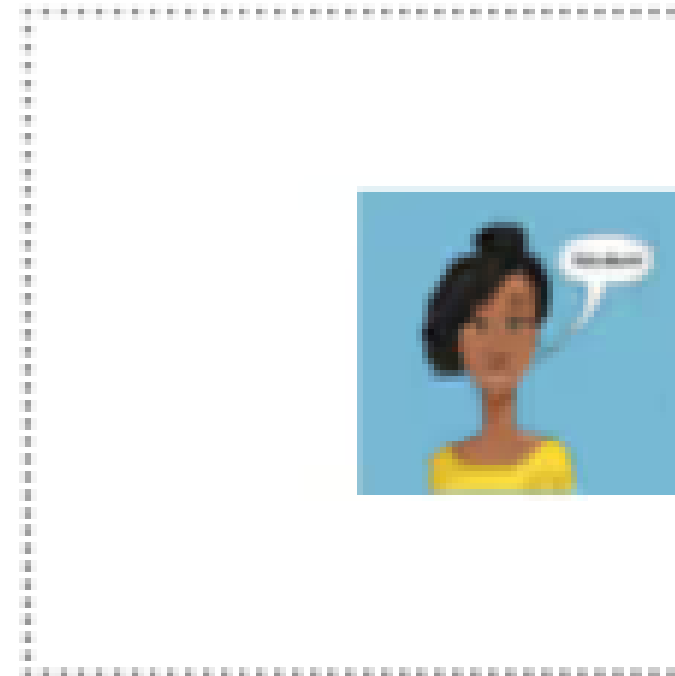


round space

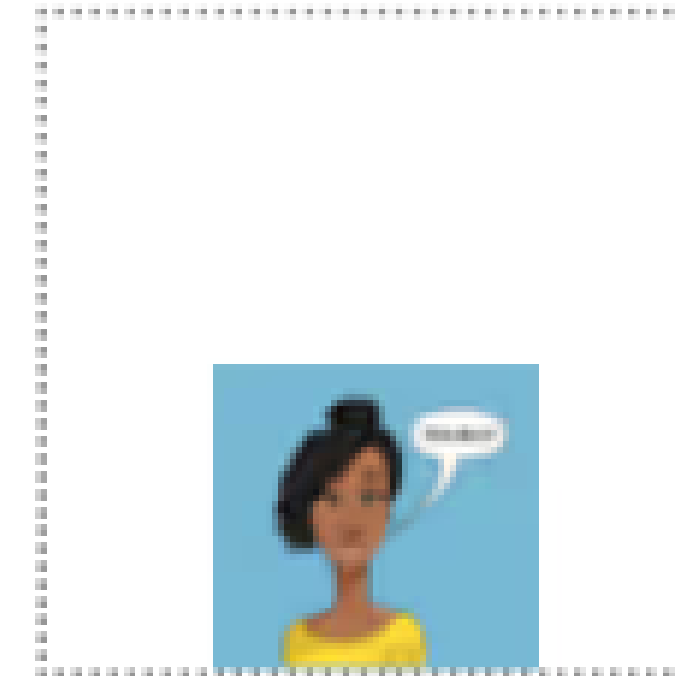
background-position



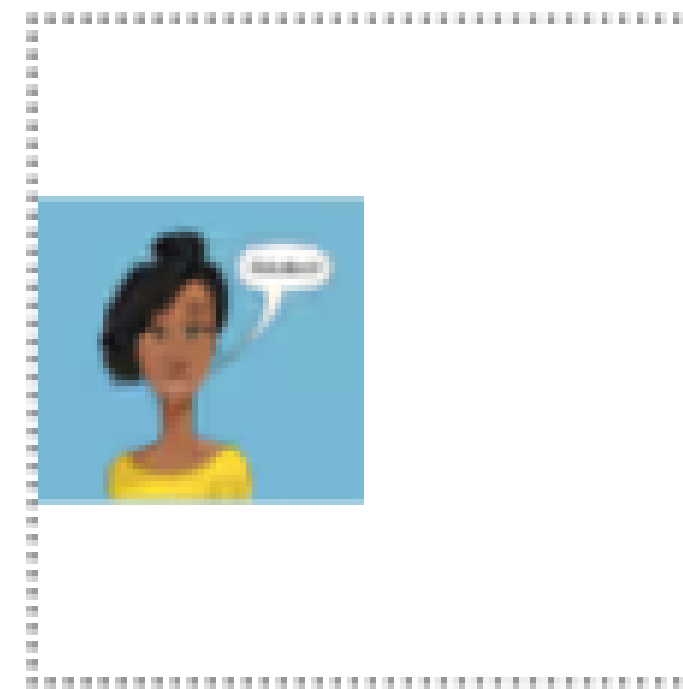
top



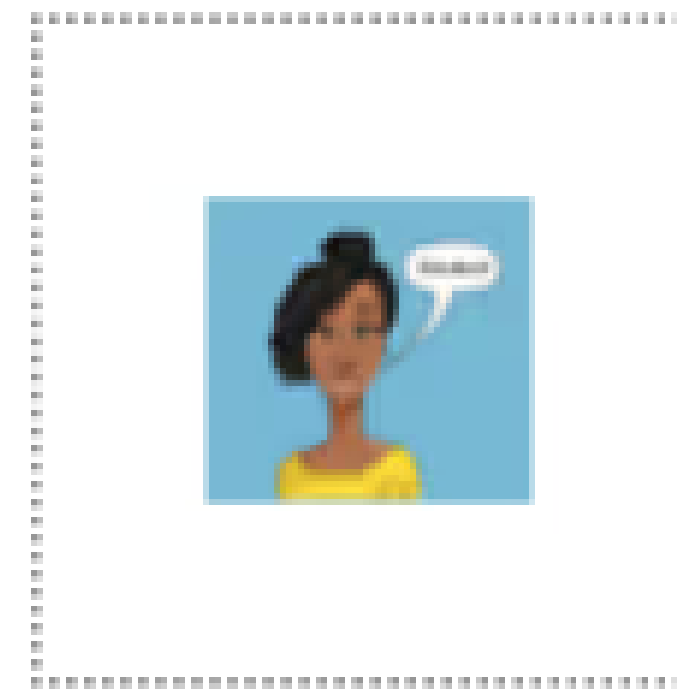
right



bottom

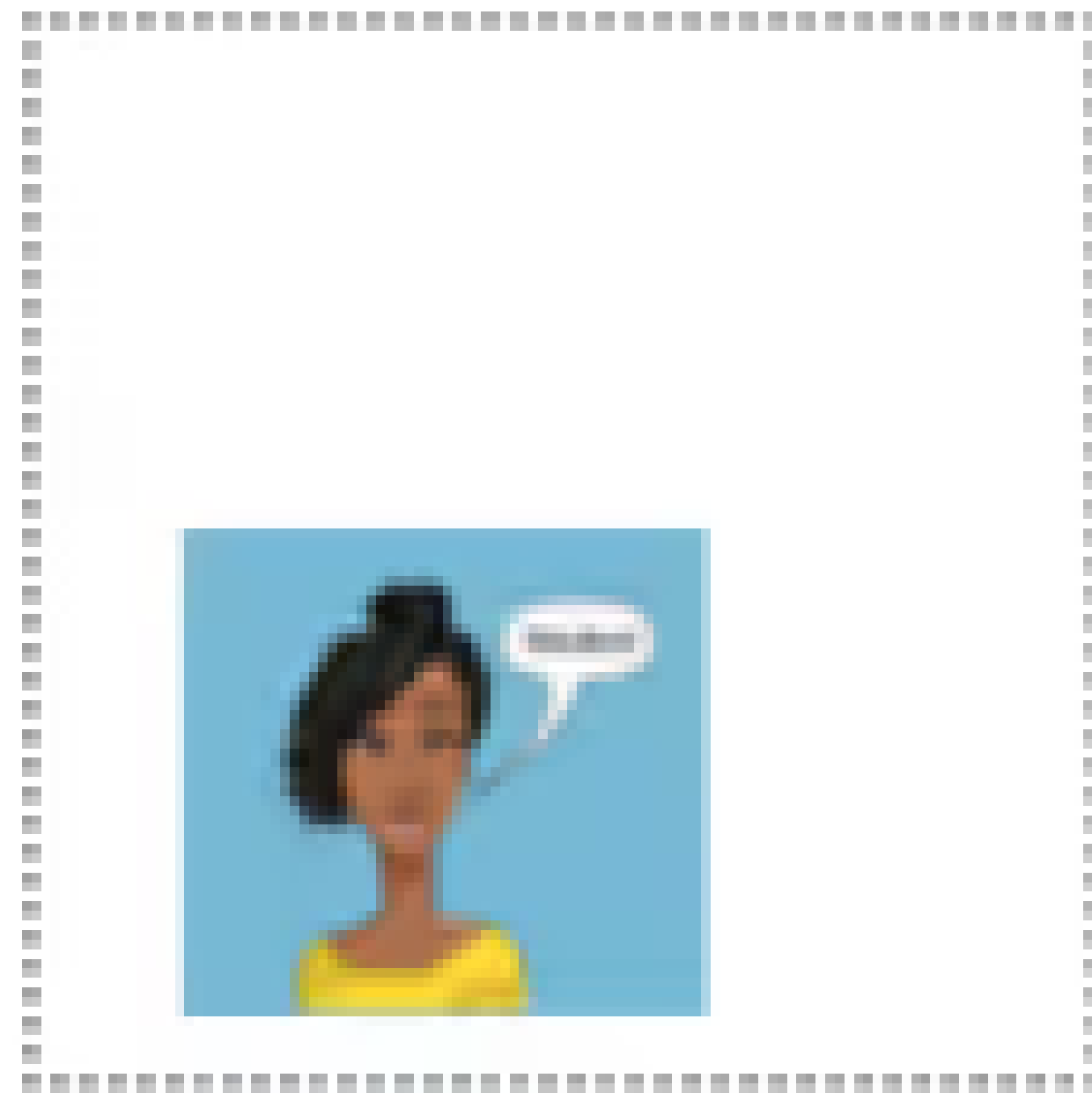


left

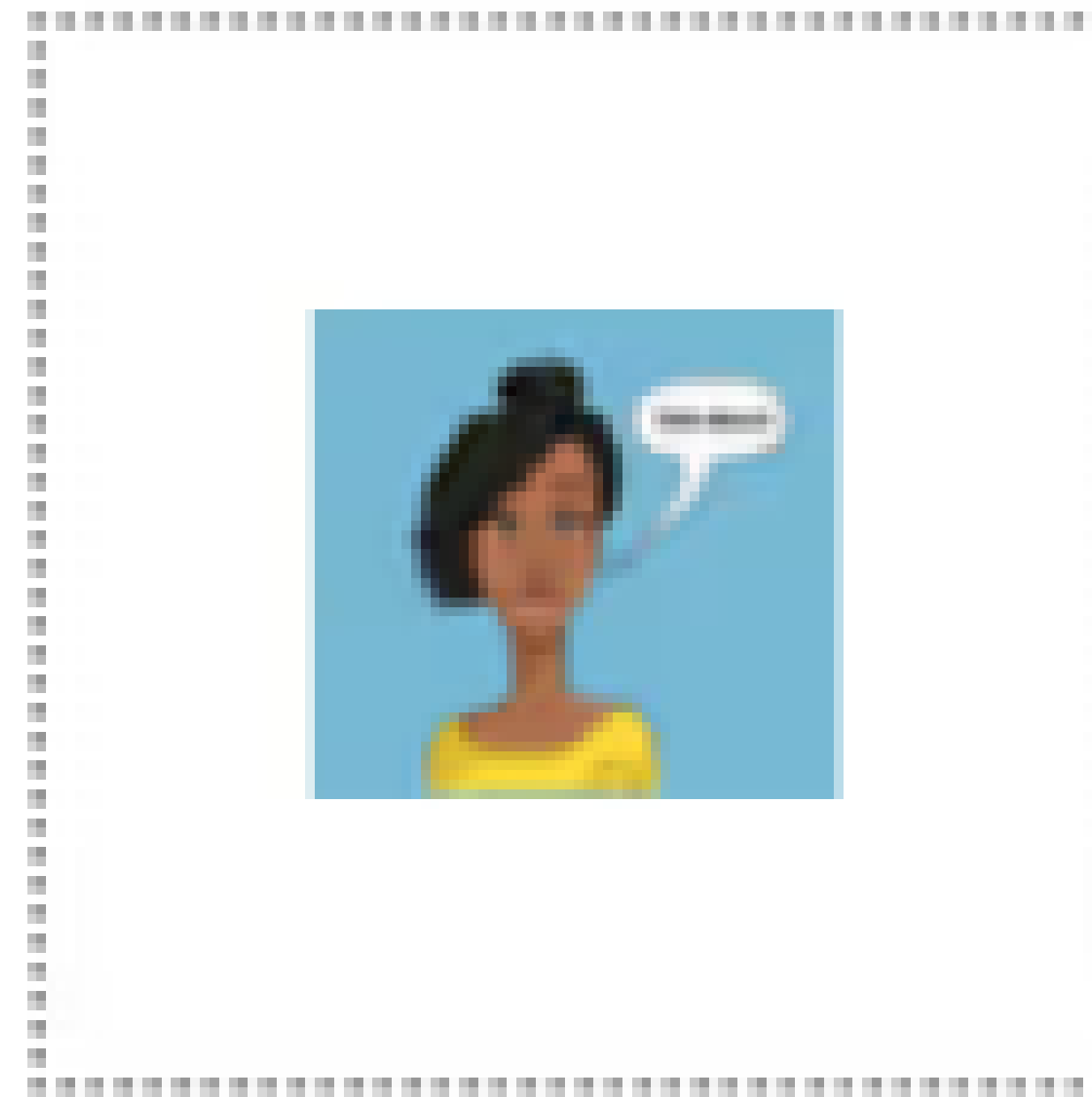


center

background-position

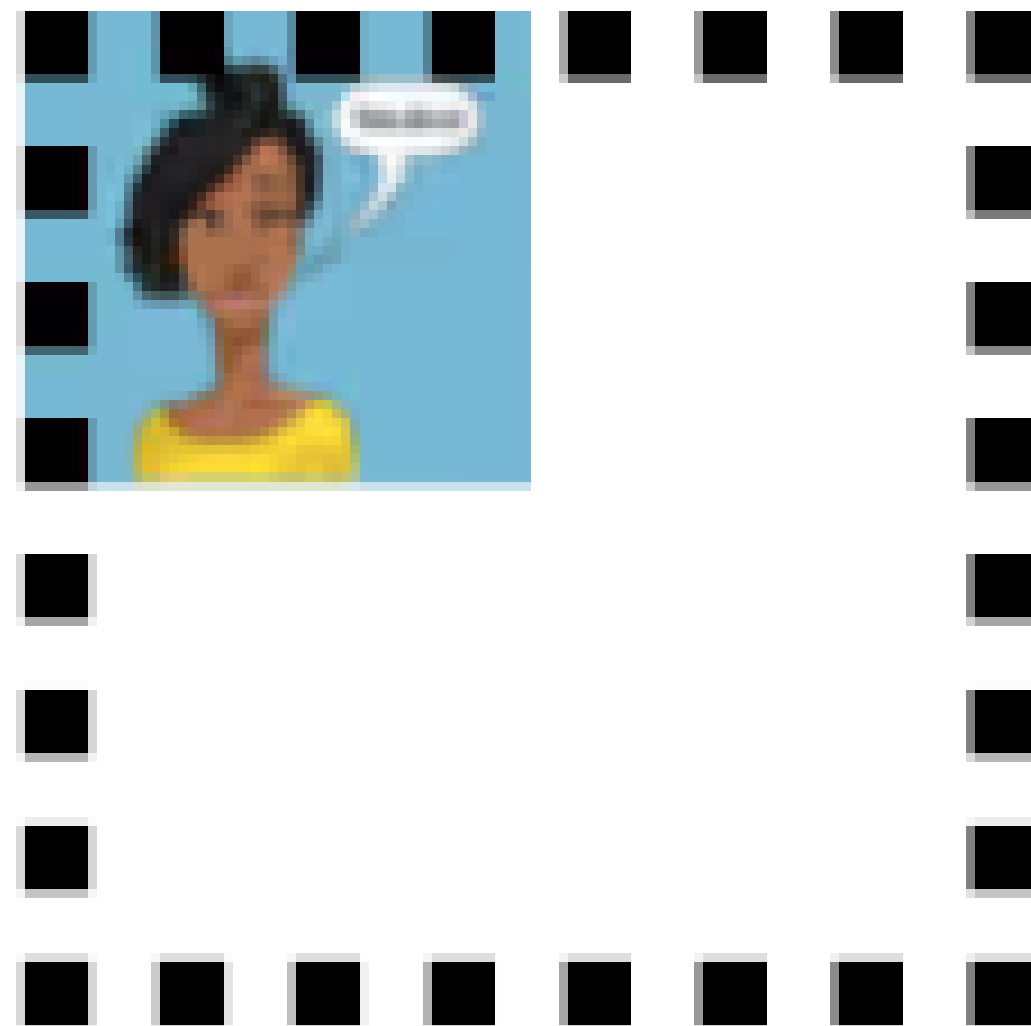


20px 70px

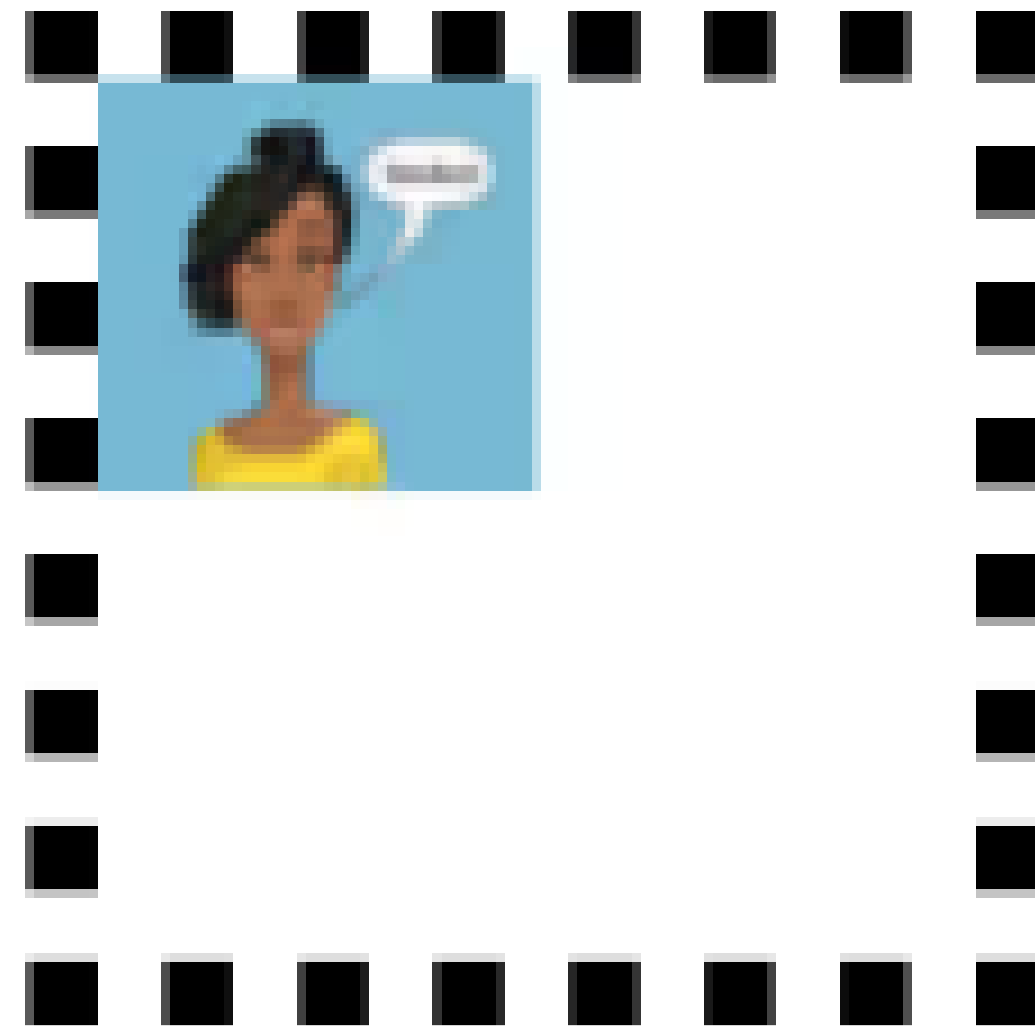


50%

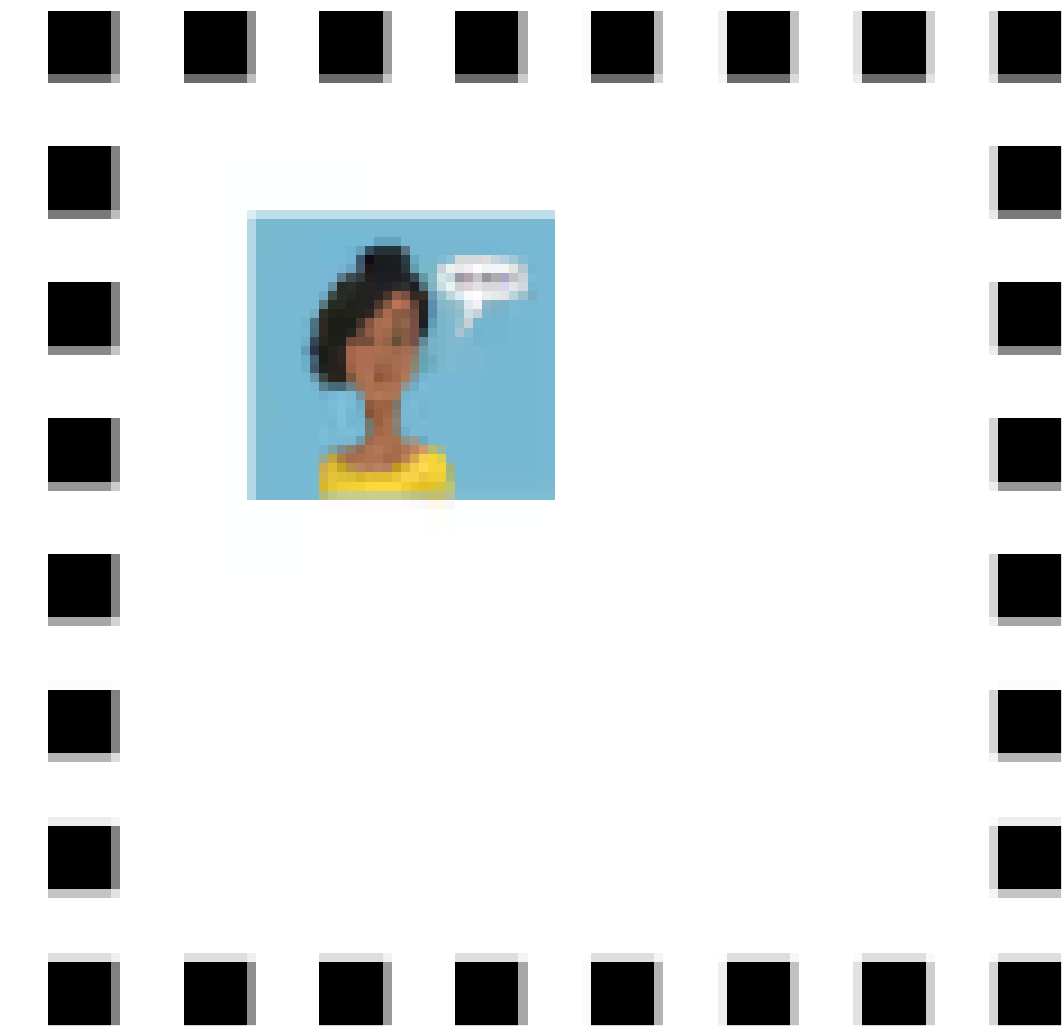
background-origin



border-box

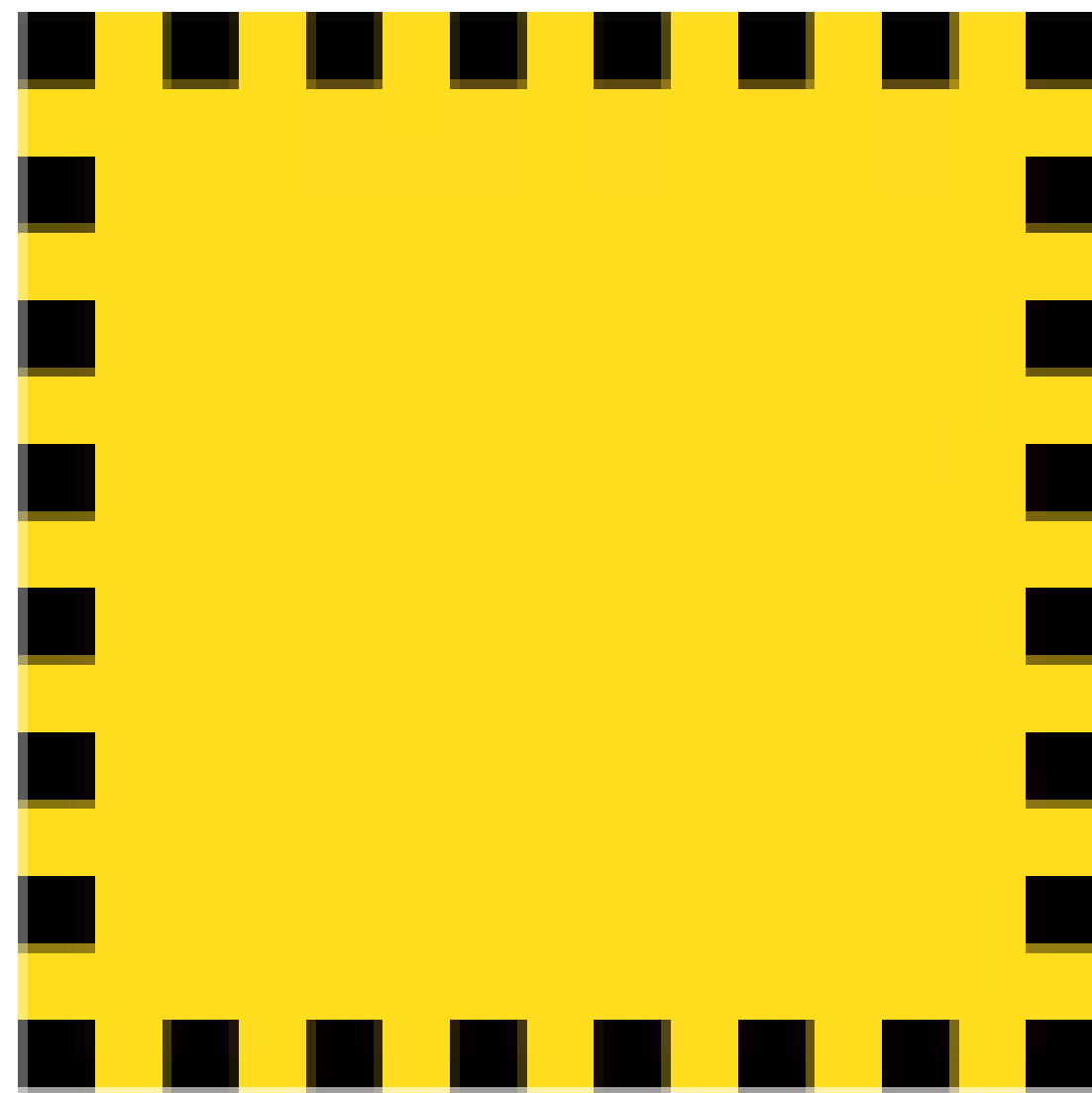


padding-box

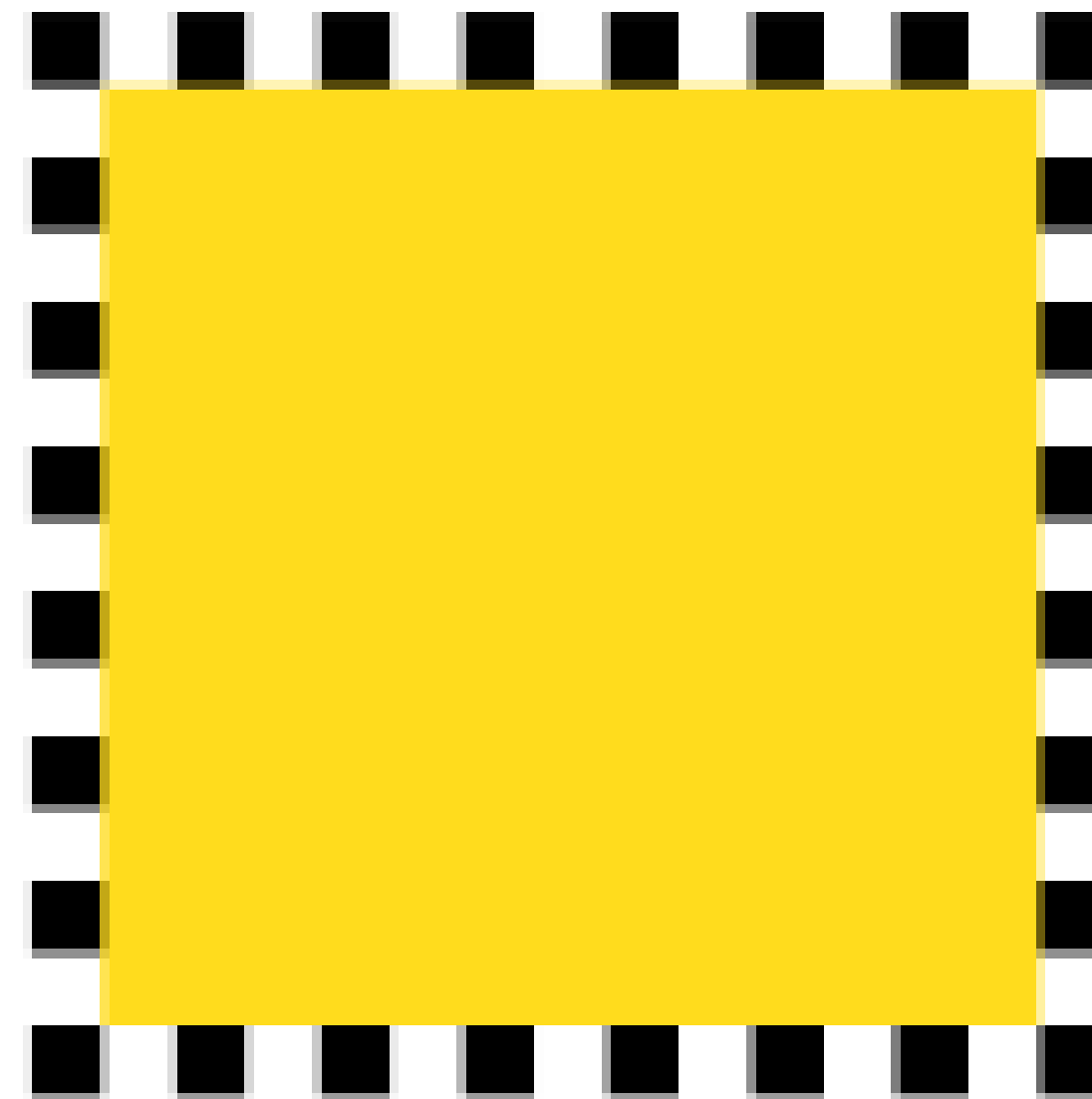


content-box

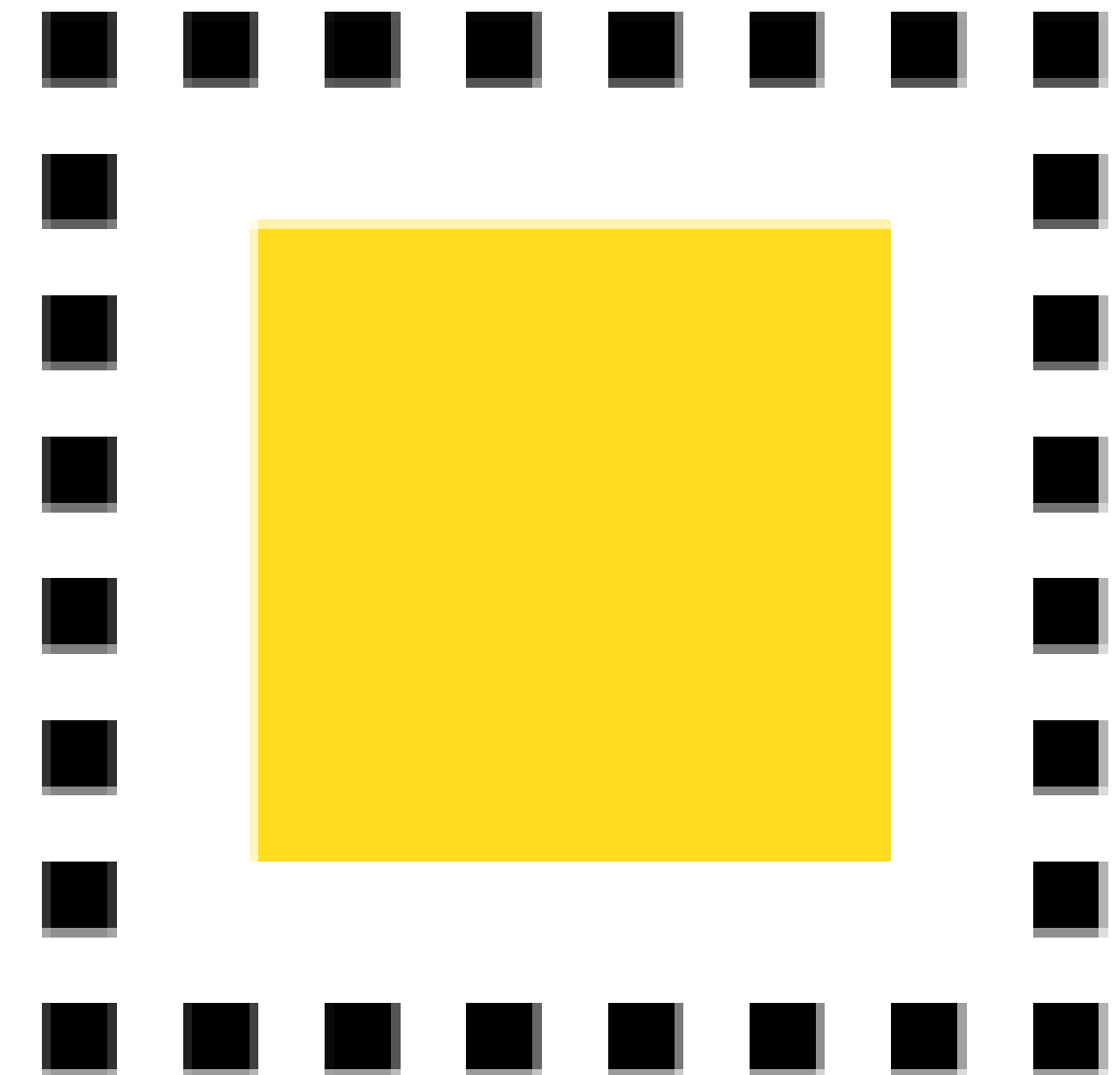
background-clip



`border-box`



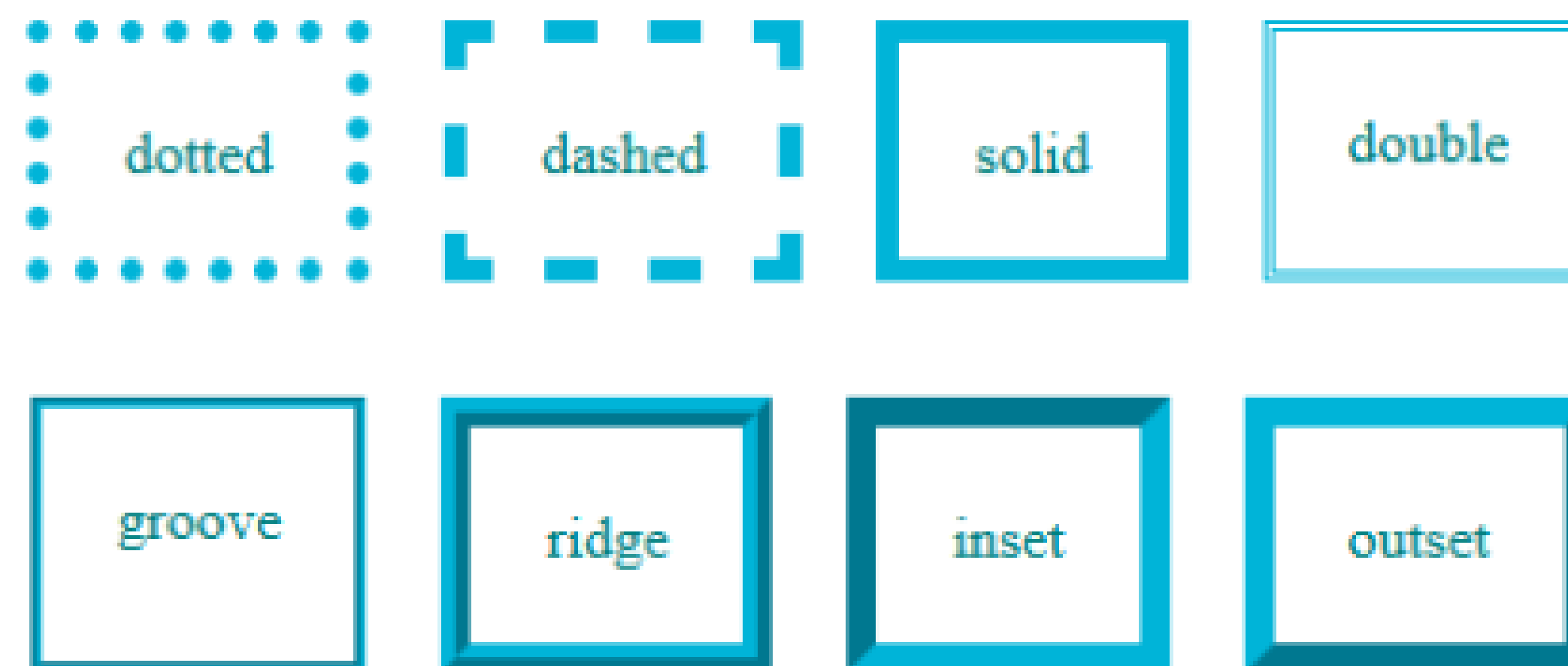
`padding-box`



`content-box`

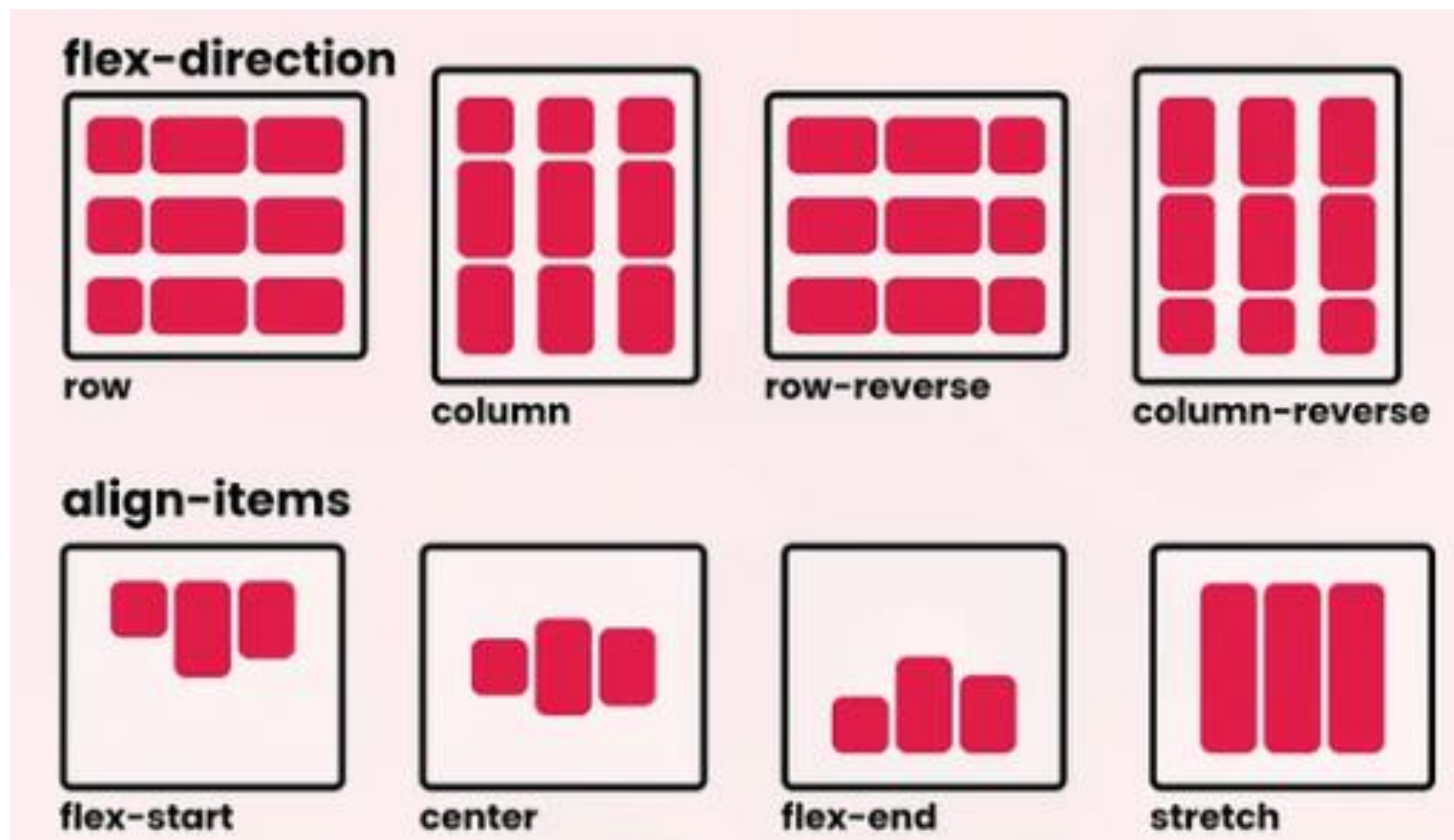
Border

- `border` - `<width>` `<style>` `<color>`
- `border-width` - define a largura da borda nesta ordem top right bottom left (thin, medium, thick, unidades de medida)
- `border-color` - cor da borda (red, #hex, rgb(), rgba(), hsl(), transparent, currentColor)
- `border-radius` - define o raio do arredondamento dos cantos (unidades de medida nesta ordem top-left, top-right, bottom-right e bottom-left)
- `border-style` - define o estilo da borda (none, solid, dashed, dotted, double, groove, ridge, inset, outset, hidden)

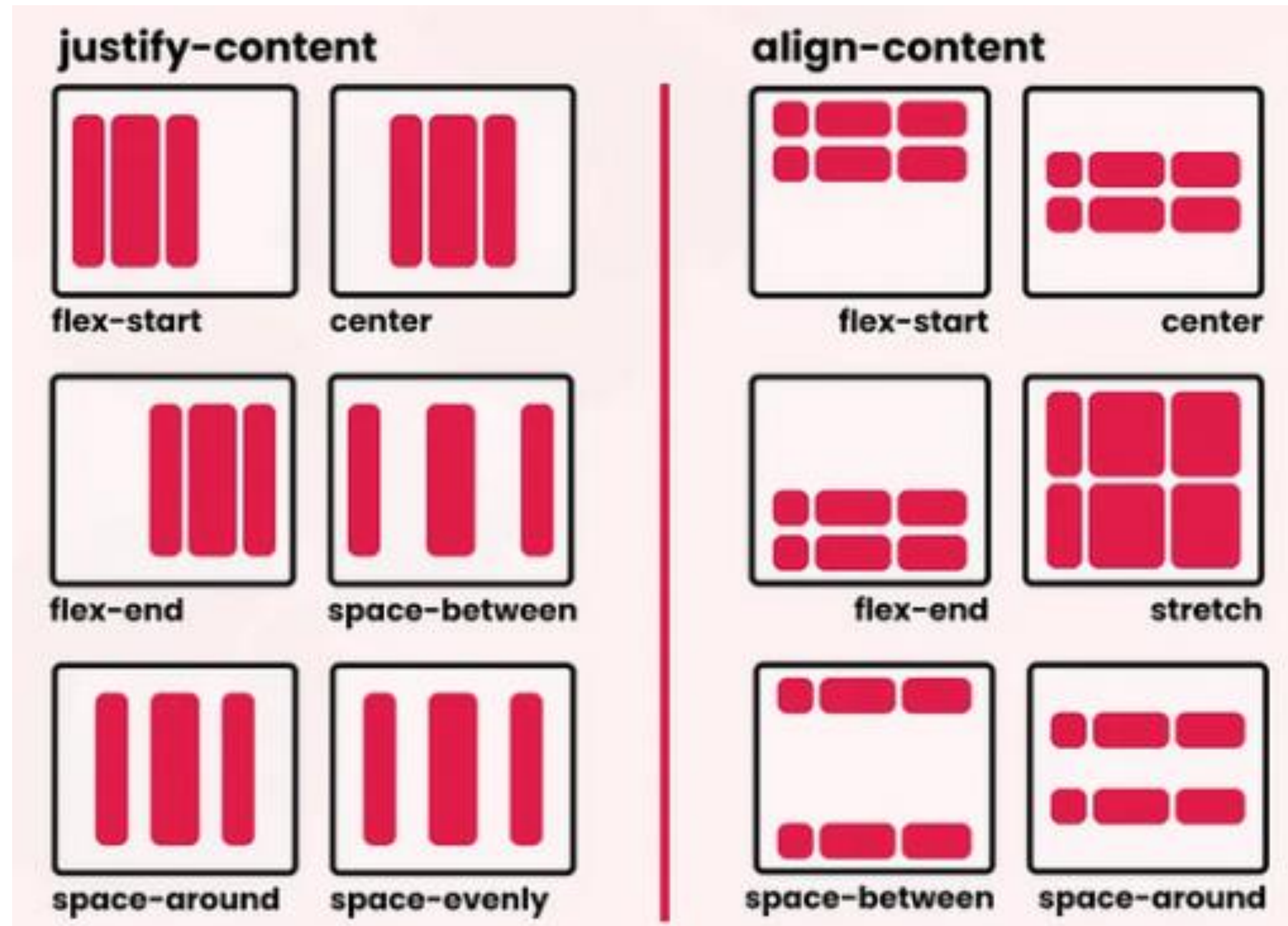


- `display` - define o container como flexível (`flex`, `inline-flex`)
- `flex-direction` - define a direção dos itens no eixo principal (`row`, `row-reverse`, `column`, `column-reverse`)
- `flex-wrap` - define se os itens podem quebrar para a próxima linha (`nowrap`, `wrap`, `wrap-reverse`)
- `flex-flow` - atalho para `flex-direction` e `flex-wrap` (combinações como `row wrap`, `column nowrap`, etc.)
- `justify-content` - alinha os itens no eixo principal (horizontal) (`flex-start`, `flex-end`, `center`, `space-between`, `space-around`, `space-evenly`)
- `align-items` - alinha os itens no eixo cruzado (vertical) (`stretch`, `flex-start`, `flex-end`, `center`, `baseline`)
- `align-content` - alinha várias linhas de itens (quando há quebra de linha) (`stretch`, `flex-start`, `flex-end`, `center`, `space-between`, `space-around`)

Flexbox

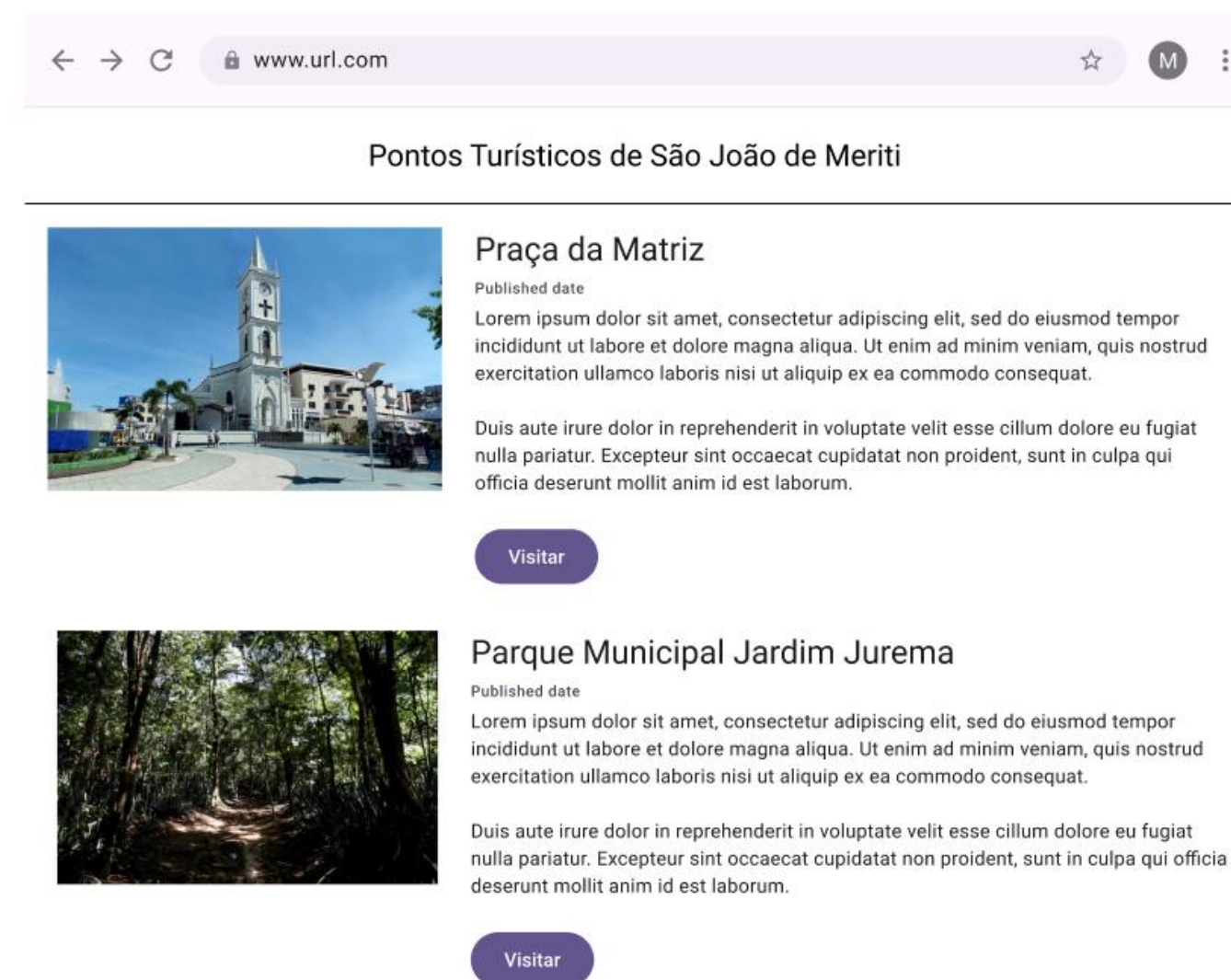


Flexbox



Atividade Prática I

1. Finalizar as atividades anteriores



Entrada:

Amarildo

Limpar

UpperCase

Saída

AMARILDO

Atividade Prática II

1. Criar um formulário com validação igual a imagem abaixo

Exercício de Formulário

Pressione Alt + tecla sublinhada para acessar os campos rapidamente. Use Tab para navegar entre os campos.

Nome Completo *

Nome deve conter apenas letras e ter no mínimo 3 caracteres

E-mail *

Insira um e-mail válido (exemplo: usuario@dominio.com)

CPF *

Digite um CPF válido (ex: 123.456.789-00 ou 12345678900)

Tipo de Usuário *

☐ Aluno ☐ Professor ☐ Visitante

Telefone *

Digite um telefone válido (ex: (11) 98765-4321 ou 11987654321)

Data de Nascimento

Website

Estado

Senha *

A senha deve conter pelo menos 8 caracteres, incluindo maiúsculas, minúsculas, números e caracteres especiais

Confirmar Senha *

As senhas devem ser iguais

Cor Preferida

Nível de Conhecimento em HTML (1-5) *

☐ Concordo com os termos e condições *

Mensagem

Limpar Formulário

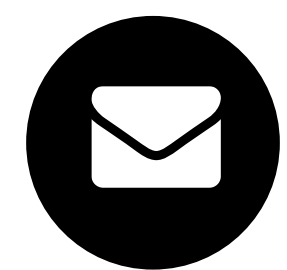
Enviar Cadastro



Dúvidas?



Dúvidas?



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