

Converting Colors

`RYB(245, 220, 200)`

Have a look what the booklet for
RYB(245, 220, 200) contains.

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Color

R_YB(245, 220, 200)

Conversions

Conversions Part 1

Format	Color
Hex	F5D6C8
RGB	245, 214, 200
RGB Percent	96%, 84%, 78%
CMY	0.0392, 0.1614, 0.2157
CMYK	0.00, 0.13, 0.18, 0.04
HSL	18°, 69%, 87%
HSV	18°, 18%, 96%
XYZ	72.0892, 71.5979, 64.6639
YIQ	221.6730, 22.9700, 2.2180

Conversions

Conversions Part 2

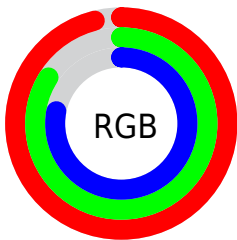
Format	Color
R _Y B	245, 220, 200
Decimal	16111304
CIE Lab	87.77, 8.68, 10.81
CIE LCh	88, 13.862, 51.248
Yxy	71.5979, 0.3460, 0.3436
Android (android.graphics.Color)	4294301384 (0xFFF5D6C8)
YUV	221.6730, -10.6848, 20.4578
Hunter-Lab	84.6155, 3.9979, 13.9210

Details

The RYB color **245, 220, 200** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **200, 218, 245**, and the grayscale version is **222, 222, 222**.

A 20% lighter version of the original color is 255, 255, 255, and **188, 165, 146** is the 20% darker color. If you saturate the color by 10%, you get **245, 206, 176**, and if you desaturate by 10%, it is **245, 235, 224**.

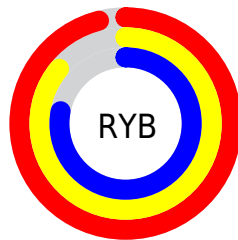
Distribution



Red (96%)

Green (84%)

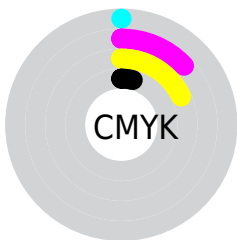
Blue (78%)



Red (96%)

Yellow (86%)

Blue (78%)

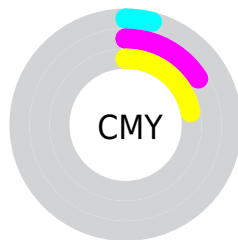


Cyan (0%)

Magenta (13%)

Yellow (18%)

Black (4%)



Cyan (4%)

Magenta (16%)

Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the RYB color 245, 220, 200 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RYB color 245, 220, 200 by changing the saturation by 10% instead.


 245, 220, 200

255, 255, 255

 245, 220, 200

 216, 192, 173

 188, 165, 146

 161, 139, 120

 134, 114, 96

 109, 88, 72

 84, 65, 49

 60, 45, 28

 38, 31, 2

 0, 0, 0

 245, 220, 200

 245, 220, 200

 245, 206, 176

 245, 235, 224


 245, 193, 151


 245, 247, 249


 245, 179, 127

 245, 250, 255

 245, 166, 102

 245, 151, 78

 245, 138, 53

 245, 125, 28

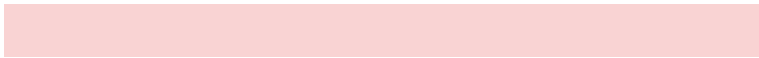
 245, 111, 4

 245, 108, 0

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



249, 211, 211



245, 220, 200



223, 235, 194

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



245, 220, 200



193, 214, 228



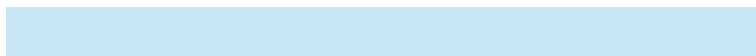
218, 218, 244

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



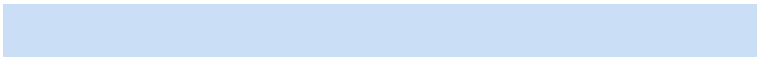
245, 220, 200



200, 218, 245

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



202, 216, 246



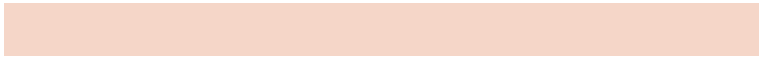
245, 220, 200



187, 208, 229

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



245, 220, 200



203, 226, 224



190, 211, 240



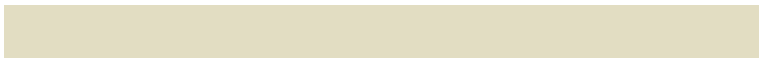
234, 214, 237

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



245, 220, 200



200, 226, 194



190, 211, 240



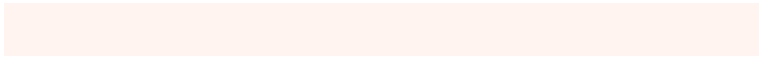
212, 218, 246

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



245, 220, 200



255, 245, 240



245, 200, 232



128, 122, 119



0, 0, 0



128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



245, 220, 200



255, 223, 199



211, 245, 200



122, 116, 110



186, 82, 0



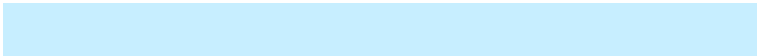
59, 26, 0

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



200, 218, 245



199, 222, 255



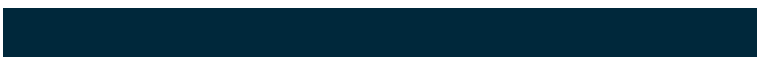
200, 208, 245



110, 115, 122



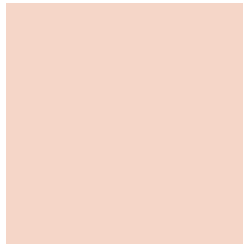
0, 76, 186



0, 24, 59

Previews

White Background



This preview shows how the RYB color 245, 220, 200 looks on a white background.

Color Contrast Check

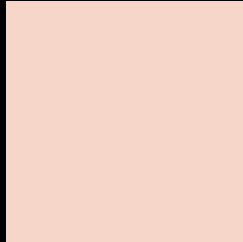
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 245, 220, 200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

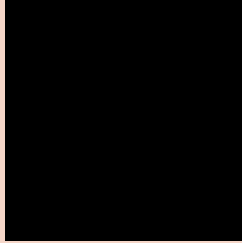
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

R Y B 245, 220, 200 Background



This preview shows how black text looks on a background with the RYB color 245, 220, 200.



This preview shows how white text looks on a background with the RYB color 245, 220, 200.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
245, 220, 200

Protanopia
217, 228, 203

Deuteranopia
249, 216, 200



Tritanopia
248, 210, 226

Trichromacy



Original Color

245, 220, 200

Protanomaly

234, 230, 202

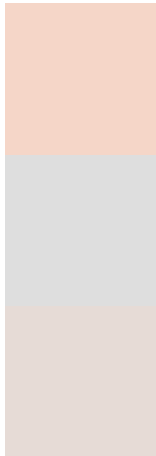
Deuteranomaly

248, 218, 200

Tritanomaly

247, 211, 217

Monochromacy



Original Color

245, 220, 200

Achromatopsia

222, 222, 222

Achromatomaly

230, 221, 214

CSS Examples

Text

The CSS property to change the color of the text to RYB 245, 220, 200 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(245, 214, 200)` looks like.

```
.text, #text, p{  
    color:rgb(245, 214, 200)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(245, 214, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 214, 200) }
```

Border

The CSS property to change the border of an element to RYB 245, 220, 200 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(245, 214, 200) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(245, 214, 200) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(245, 214, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 214, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 214, 200);  
box-shadow:4px 4px 4px 4px rgb(245, 214,  
200) }
```

Background

The CSS property to change the background color of an element to RYB 245, 220, 200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 214, 200) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(245,  
214, 200) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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