

Converting Colors

`RYB(245, 228, 195)`

Have a look what the booklet for
RYB(245, 228, 195) contains.

RYB(245, 228, 195)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(245, 228, 195)

Conversions

Conversions Part 1

Format	Color
Hex	F5D7C3
RGB	245, 215, 195
RGB Percent	96%, 84%, 76%
CMY	0.0392, 0.1573, 0.2353
CMYK	0.00, 0.12, 0.20, 0.04
HSL	24°, 71%, 86%
HSV	24°, 20%, 96%
XYZ	71.7763, 71.8921, 61.7233
YIQ	221.6900, 24.3000, 0.1400

Conversions

Conversions Part 2

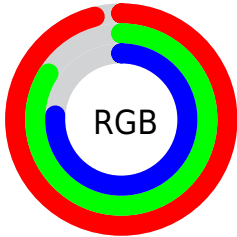
Format	Color
R_{YB}	245, 228, 195
Decimal	16111555
CIE Lab	87.92, 7.40, 13.64
CIE LCh	88, 15.523, 61.511
Yxy	71.8921, 0.3495, 0.3500
Android (android.graphics.Color)	4294301635 (0xFFF5D7C3)
YUV	221.6900, -13.1582, 20.4429
Hunter-Lab	84.7892, 2.7237, 16.1916

Details

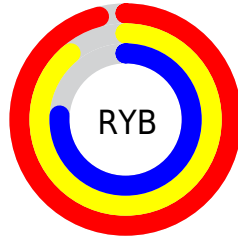
The RYB color **245, 228, 195** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **195, 214, 245**, and the grayscale version is **222, 222, 222**.

A 20% lighter version of the original color is **252, 255, 252**, and **188, 173, 141** is the 20% darker color. If you saturate the color by 10%, you get **245, 219, 171**, and if you desaturate by 10%, it is **245, 238, 219**.

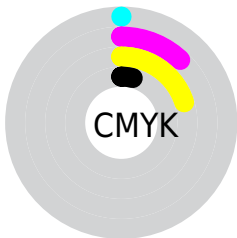
Distribution



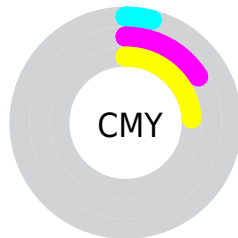
- Red (96%)
- Green (84%)
- Blue (76%)



- Red (96%)
- Yellow (89%)
- Blue (76%)



- Cyan (0%)
- Magenta (12%)
- Yellow (20%)
- Black (4%)



- Cyan (4%)
- Magenta (16%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 245, 228, 195 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, 228, 195 by changing the saturation by 10% instead.

 245, 228, 195


255, 255, 255

252, 255, 252

 245, 228, 195

 216, 199, 168

 188, 173, 141

 161, 146, 116

 134, 122, 91

 109, 94, 68

 84, 72, 45

 60, 50, 24

 38, 38, 0

 0, 0, 0

 245, 228, 195

 245, 228, 195

 245, 219, 171


 245, 238, 219


 245, 210, 146


 245, 244, 244


 245, 203, 122

 245, 250, 255

 245, 195, 97

 245, 187, 72

 245, 177, 48

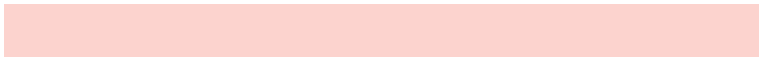
 245, 172, 23

 245, 161, 0

Harmonies

Analogous

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



252, 212, 206



245, 228, 195



208, 232, 191

Triad

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



245, 228, 195



187, 210, 229



224, 216, 246

Complementary

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



245, 228, 195



195, 214, 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.



206, 217, 250



245, 228, 195



183, 207, 235

Square

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



245, 228, 195



199, 222, 228



190, 212, 246



241, 212, 235

Rectangle

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



245, 228, 195



193, 223, 195



190, 212, 246



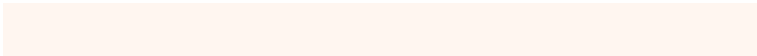
218, 218, 248

Sweetspot

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



245, 228, 195



255, 250, 240



245, 195, 226



128, 124, 119



0, 0, 0



128, 128, 128

Same Dimension

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



245, 228, 195



255, 234, 194



202, 245, 195



122, 119, 110



186, 123, 0



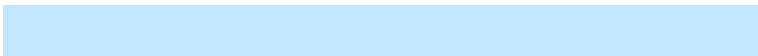
59, 38, 0

Inverse Universe

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



195, 214, 245



194, 217, 255



195, 200, 245



110, 115, 122



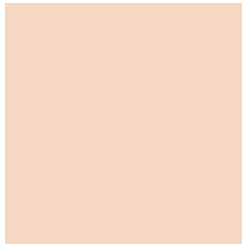
0, 70, 186



0, 22, 59

Previews

White Background



This preview shows how the RYB color 245, 228, 195 looks on a white background.

Color Contrast Check

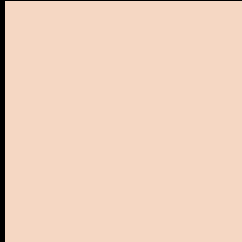
Large Text (above 18pt) WCAG AA × Fail

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, 228, 195 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](#).

RYB 245, 228, 195 Background



This preview shows how black text looks on a background with the RYB color 245, 228, 195.



This preview shows how white text looks on a background with the RYB color 245, 228, 195.

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, 228, 195

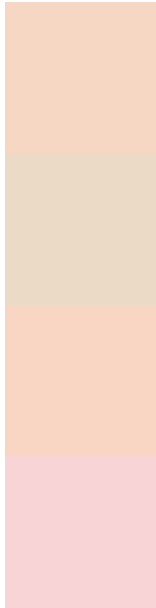
Protanopia
213, 230, 198

Deuteranopia
251, 222, 195



Tritanopia
249, 210, 227

Trichromacy



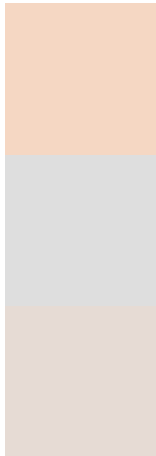
Original Color
245, 228, 195

Protanomaly
228, 235, 197

Deuteranomaly
249, 224, 195

Tritanomaly
248, 212, 215

Monochromacy



Original Color
245, 228, 195

Achromatopsia
222, 222, 222

Achromatomaly
230, 223, 212

CSS Examples

Text

The CSS property to change the color of the text to RYB 245, 228, 195 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, 215, 195)` looks like.

```
.text, #text, p{  
    color:rgb(245, 215, 195)  
}
```

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, 215, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 215, 195) }
```

Border

The CSS property to change the border of an element to RYB 245, 228, 195 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, 215, 195) }
```

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

```
.border{ border-color:rgb(245, 215, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 215, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 215, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 215, 195);  
box-shadow:4px 4px 4px 4px rgb(245, 215,  
195) }
```

Background

The CSS property to change the background color of an element to RYB 245, 228, 195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 215, 195) }
```

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

```
.background{ background-color: rgb(245,  
215, 195) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor