

Converting Colors

`RYB(246, 216, 193)`

Have a look what the booklet for
RYB(246, 216, 193) contains.

RYB(246, 216, 193)	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

$\text{RYB}(246, 216, 193)$

Conversions

Conversions Part 1

Format	Color
Hex	F6D1C1
RGB	246, 209, 193
RGB Percent	96%, 82%, 76%
CMY	0.0353, 0.1802, 0.2431
CMYK	0.00, 0.15, 0.22, 0.04
HSL	18°, 75%, 86%
HSV	18°, 22%, 96%
XYZ	70.4418, 69.0634, 60.0700
YIQ	218.2390, 27.1880, 2.8680

Conversions

Conversions Part 2

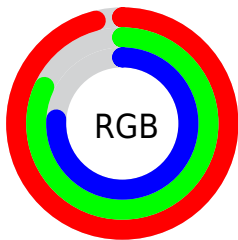
Format	Color
R _Y B	246, 216, 193
Decimal	16175553
CIE Lab	86.54, 10.52, 12.75
CIE LCh	87, 16.531, 50.485
Yxy	69.0634, 0.3530, 0.3461
Android (android.graphics.Color)	4294365633 (0xFFFF6D1C1)
YUV	218.2390, -12.4428, 24.3464
Hunter-Lab	83.1044, 5.8694, 15.3168

Details

The RYB color **246, 216, 193** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **193, 215, 246**, and the grayscale version is **218, 218, 218**.

A 20% lighter version of the original color is **249, 255, 249**, and **189, 163, 139** is the 20% darker color. If you saturate the color by 10%, you get **246, 203, 168**, and if you desaturate by 10%, it is **246, 229, 218**.

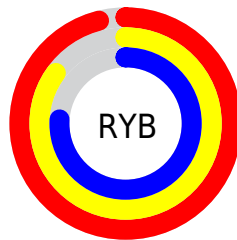
Distribution



Red (96%)

Green (82%)

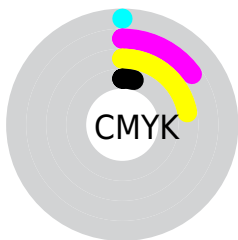
Blue (76%)



Red (96%)

Yellow (85%)

Blue (76%)

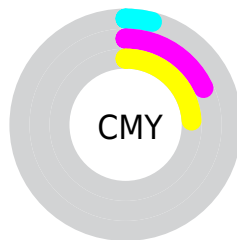


Cyan (0%)

Magenta (15%)

Yellow (22%)

Black (4%)



Cyan (4%)

Magenta (18%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 246, 216, 193 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 246, 216, 193 by changing the saturation by 10% instead.

 246, 216, 193


255, 255, 255

 249, 255, 249

 246, 216, 193

 217, 187, 166

 189, 163, 139

 162, 136, 114

 135, 109, 89

 109, 85, 66

 84, 61, 44

 60, 41, 23

 38, 22, 0


 0, 0, 0

 246, 216, 193

 246, 216, 193

 246, 203, 168


 246, 229, 218


 246, 189, 144


 246, 243, 242


 246, 175, 119

 246, 251, 255

 246, 159, 95

 246, 146, 70

 246, 133, 45

 246, 118, 21

 246, 106, 0

Harmonies

Analogous

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



250, 206, 206



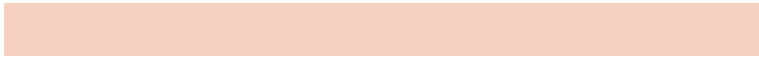
246, 216, 193



220, 234, 186

Triad

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



246, 216, 193



184, 210, 226



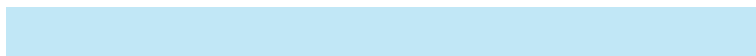
213, 214, 246

Complementary

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



246, 216, 193



193, 215, 246

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.



194, 211, 247



246, 216, 193



176, 201, 227

Square

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



246, 216, 193



196, 223, 219



180, 205, 240



232, 209, 237

Rectangle

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



246, 216, 193



195, 224, 186



180, 205, 240



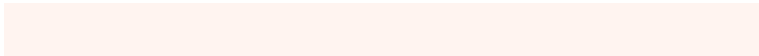
207, 214, 247

Sweetspot

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



246, 216, 193



255, 245, 240



246, 193, 230



128, 122, 119



0, 0, 0



128, 128, 128

Same Dimension

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



246, 216, 193



255, 218, 189



207, 246, 193



122, 116, 110



186, 80, 0



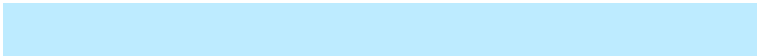
59, 26, 0

Inverse Universe

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



193, 215, 246



189, 216, 255



193, 202, 246



110, 115, 122



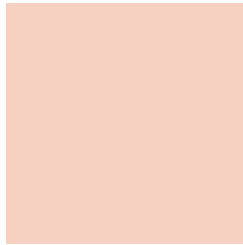
0, 77, 186



0, 24, 59

Previews

White Background



This preview shows how the RYB color 246, 216, 193 looks on a white background.

Color Contrast Check

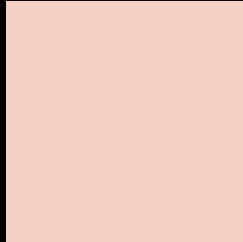
Large Text (above 18pt) WCAG AA × Fail

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 246, 216, 193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

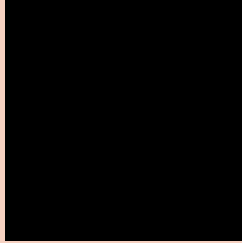
Any Text WCAG AA ✓ Pass

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 246, 216, 193 Background



This preview shows how black text looks on a background with the RYB color 246, 216, 193.



This preview shows how white text looks on a background with the RYB color 246, 216, 193.

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
246, 216, 193

Protanopia
210, 225, 197

Deuteranopia
246, 216, 193



Tritanopia
249, 205, 221

Trichromacy



Original Color

246, 216, 193

Protanomaly

233, 227, 196

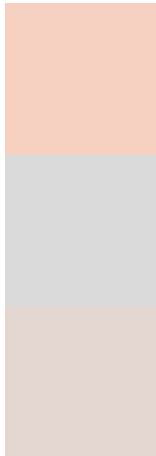
Deuteranomaly

246, 216, 193

Tritanomaly

248, 206, 211

Monochromacy



Original Color

246, 216, 193

Achromatopsia

218, 218, 218

Achromatomaly

228, 218, 209

CSS Examples

Text

The CSS property to change the color of the text to RYB 246, 216, 193 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(246, 209, 193) looks like.

```
.text, #text, p{  
    color:rgb(246, 209, 193)  
}
```

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(246, 209, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 209, 193) }
```

Border

The CSS property to change the border of an element to RYB 246, 216, 193 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(246, 209, 193) }
```

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

```
.border{ border-color:rgb(246, 209, 193) }
```

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

Here you see how a box with a 4 pixel rgb(246, 209, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 209, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 209, 193);  
box-shadow:4px 4px 4px 4px rgb(246, 209,  
193) }
```

Background

The CSS property to change the background color of an element to RYB 246, 216, 193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 209, 193) }
```

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

```
.background{ background-color: rgb(246,  
209, 193) }
```

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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