

Converting Colors

`RYB(218, 200, 165)`

Have a look what the booklet for
RYB(218, 200, 165) contains.

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Color

R_YB(218, 200, 165)

Conversions

Conversions Part 1

Format	Color
Hex	DABAA5
RGB	218, 186, 165
RGB Percent	85%, 73%, 65%
CMY	0.1451, 0.2703, 0.3529
CMYK	0.00, 0.15, 0.24, 0.15
HSL	24°, 42%, 75%
HSV	24°, 24%, 85%
XYZ	53.2806, 52.7734, 42.9754
YIQ	193.1740, 25.8130, 0.2530

Conversions

Conversions Part 2

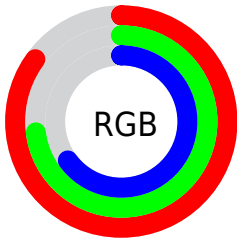
Format	Color
R_{YB}	218, 200, 165
Decimal	14334629
CIE Lab	77.74, 8.21, 14.92
CIE LCh	78, 17.027, 61.163
Yxy	52.7734, 0.3575, 0.3541
Android (android.graphics.Color)	4292524709 (0xFFDABAA5)
YUV	193.1740, -13.8898, 21.7724
Hunter-Lab	72.6453, 3.7890, 15.7770

Details

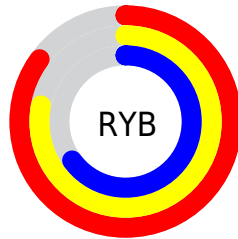
The RYB color **218, 200, 165** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **165, 185, 218**, and the grayscale version is **193, 193, 193**.

A 20% lighter version of the original color is **241, 255, 220**, and **162, 147, 113** is the 20% darker color. If you saturate the color by 10%, you get **218, 193, 143**, and if you desaturate by 10%, it is **218, 207, 187**.

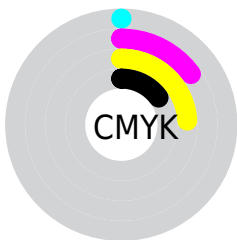
Distribution



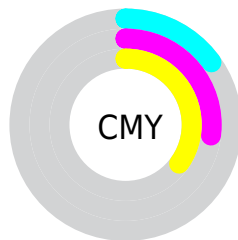
- Red (85%)
- Green (73%)
- Blue (65%)



- Red (85%)
- Yellow (78%)
- Blue (65%)



- Cyan (0%)
- Magenta (15%)
- Yellow (24%)
- Black (15%)



- Cyan (15%)
- Magenta (27%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the RYB color 218, 200, 165 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 218, 200, 165 by changing the saturation by 10% instead.

 218, 200, 165

 218, 200, 165

255, 255, 255


 190, 172, 139

 241, 255, 220


 162, 147, 113

 249, 255, 249

 136, 121, 89

 110, 95, 65

 85, 72, 43

 61, 52, 22

 39, 33, 0


 0, 0, 0

 218, 200, 165

 218, 200, 165

 218, 193, 143


 218, 207, 187

 218, 186, 121


 218, 214, 209

 218, 178, 100


 218, 222, 230

 218, 171, 78


 218, 231, 252


 218, 162, 56

 218, 236, 255

 218, 155, 34

 218, 237, 255

 218, 148, 12

 218, 145, 0

Harmonies

Analogous

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



225, 183, 176



218, 200, 165



180, 204, 161

Triad

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



218, 200, 165



155, 180, 201



196, 188, 219

Complementary

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



218, 200, 165



165, 185, 218

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.



176, 188, 223



218, 200, 165



151, 178, 208

Square

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



218, 200, 165



169, 194, 200



158, 182, 219



213, 183, 208

Rectangle

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



218, 200, 165



163, 195, 165



158, 182, 219



189, 190, 221

Sweetspot

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



218, 200, 165



255, 248, 237



218, 165, 198



128, 123, 117



0, 0, 0



128, 128, 128

Same Dimension

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



218, 200, 165



255, 229, 181



172, 218, 165



110, 105, 99



173, 115, 0



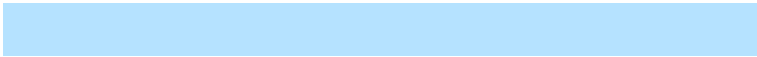
46, 30, 0

Inverse Universe

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



165, 185, 218



181, 209, 255



165, 170, 218



99, 103, 110



0, 65, 173



0, 17, 46

Previews

White Background



This preview shows how the RYB color 218, 200, 165 looks on a white background.

Color Contrast Check

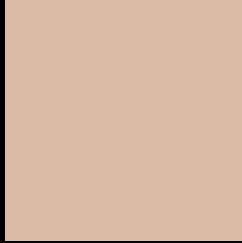
Large Text (above 18pt) WCAG AA × Fail

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 218, 200, 165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

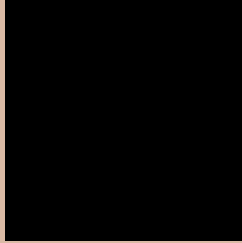
Any Text WCAG AA ✓ Pass

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 218, 200, 165 Background



This preview shows how black text looks on a background with the RYB color 218, 200, 165.



This preview shows how white text looks on a background with the RYB color 218, 200, 165.

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
218, 200, 165

Protanopia
180, 201, 168

Deuteranopia
221, 196, 165



Tritanopia
222, 182, 196

Trichromacy



Original Color

218, 200, 165

Protanomaly

197, 207, 167

Deuteranomaly

220, 196, 165

Tritanomaly

221, 183, 185

Monochromacy



Original Color

218, 200, 165

Achromatopsia

193, 193, 193

Achromatomaly

202, 194, 183

CSS Examples

Text

The CSS property to change the color of the text to RYB 218, 200, 165 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(218, 186, 165) looks like.

```
.text, #text, p{  
    color:rgb(218, 186, 165)  
}
```

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(218, 186, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 186, 165) }
```

Border

The CSS property to change the border of an element to RYB 218, 200, 165 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(218, 186, 165) }
```

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

```
.border{ border-color:rgb(218, 186, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 186, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 186, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 186, 165);  
box-shadow:4px 4px 4px 4px rgb(218, 186,  
165) }
```

Background

The CSS property to change the background color of an element to RYB 218, 200, 165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 186, 165) }
```

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

```
.background{ background-color: rgb(218,  
186, 165) }
```

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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