

Converting Colors

`RYB(249, 195, 165)`

Have a look what the booklet for
RYB(249, 195, 165) contains.

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Color

R_YB(249, 195, 165)

Conversions

Conversions Part 1

Format	Color
Hex	F9BBA5
RGB	249, 187, 165
RGB Percent	98%, 73%, 65%
CMY	0.0235, 0.2663, 0.3529
CMYK	0.00, 0.25, 0.34, 0.02
HSL	16°, 88%, 81%
HSV	16°, 34%, 98%
XYZ	63.6511, 58.4417, 43.5229
YIQ	203.0300, 44.0140, 6.3020

Conversions

Conversions Part 2

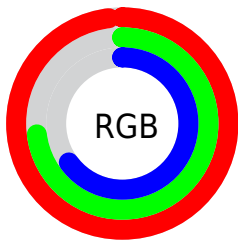
Format	Color
R _Y B	249, 195, 165
Decimal	16366501
CIE Lab	80.98, 19.41, 19.89
CIE LCh	81, 27.792, 45.688
Yxy	58.4417, 0.3843, 0.3529
Android (android.graphics.Color)	4294556581 (0xFFF9BBA5)
YUV	203.0300, -18.7488, 40.3157
Hunter-Lab	76.4472, 14.8394, 19.7580

Details

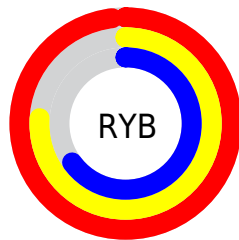
The RYB color **249, 195, 165** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **165, 201, 249**, and the grayscale version is **203, 203, 203**.

A 20% lighter version of the original color is **238, 255, 220**, and **191, 142, 113** is the 20% darker color. If you saturate the color by 10%, you get **249, 180, 140**, and if you desaturate by 10%, it is **249, 210, 190**.

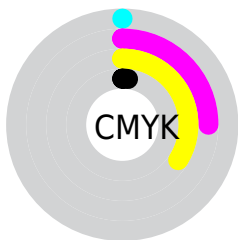
Distribution



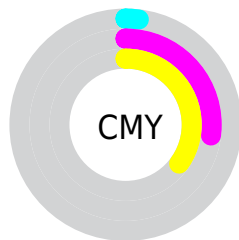
- Red (98%)
- Green (73%)
- Blue (65%)



- Red (98%)
- Yellow (76%)
- Blue (65%)



- Cyan (0%)
- Magenta (25%)
- Yellow (34%)
- Black (2%)




- Cyan (2%)
- Magenta (27%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the RYB color 249, 195, 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 249, 195, 165 by changing the saturation by 10% instead.


 249, 195, 165

 249, 195, 165


255, 255, 255

 220, 167, 139

 238, 255, 220

 191, 142, 113

 249, 255, 249

 163, 115, 89

 135, 91, 65

 109, 66, 43

 82, 44, 22

 58, 22, 0

 35, 0, 0

 0, 0, 0

■ 249, 195, 165

■ 249, 195, 165

■ 249, 180, 140

■ 249, 210, 190

■ 249, 162, 115

■ 249, 227, 215

■ 249, 147, 90

■ 249, 243, 240

■ 249, 132, 65

■ 249, 252, 255

■ 249, 114, 41

■ 249, 99, 16

■ 249, 90, 0

Harmonies

Analogous

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



254, 183, 188



249, 195, 165



219, 232, 151

Triad

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



249, 195, 165



148, 190, 215



188, 197, 251

Complementary

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



249, 195, 165



165, 201, 249

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.



153, 188, 251



249, 195, 165



128, 173, 216

Square

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



249, 195, 165



164, 211, 198



129, 176, 237



222, 190, 238

Rectangle

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



249, 195, 165



167, 215, 149



129, 176, 237



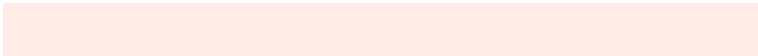
176, 195, 252

Sweetspot

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



249, 195, 165



255, 238, 230



249, 165, 228



128, 117, 112



0, 0, 0



128, 128, 128

Same Dimension

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



249, 195, 165



255, 190, 153



193, 249, 165



125, 118, 112



189, 68, 0



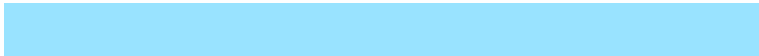
61, 22, 0

Inverse Universe

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



165, 201, 249



153, 196, 255



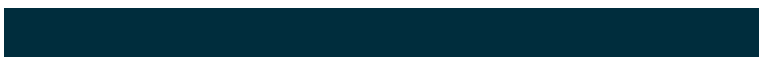
165, 182, 249



112, 118, 125



0, 80, 189



0, 26, 61

Previews

White Background



This preview shows how the RYB color 249, 195, 165 looks on a white background.

Color Contrast Check

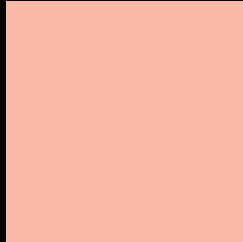
Large Text (above 18pt) WCAG AA × Fail

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 249, 195, 165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

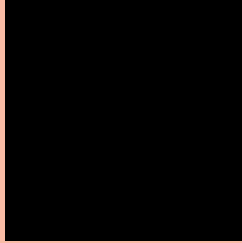
Any Text WCAG AA ✓ Pass

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](#).

RYB 249, 195, 165 Background



This preview shows how black text looks on a background with the RYB color 249, 195, 165.



This preview shows how white text looks on a background with the RYB color 249, 195, 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
249, 195, 165

Protanopia
187, 212, 172

Deuteranopia
234, 217, 164



Tritanopia
252, 183, 197

Trichromacy



Original Color

249, 195, 165

Protanomaly

225, 221, 169

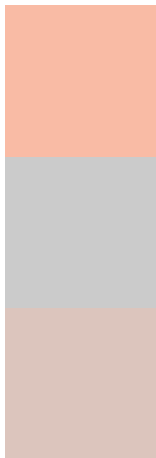
Deuteranomaly

239, 206, 164

Tritanomaly

251, 184, 185

Monochromacy



Original Color

249, 195, 165

Achromatopsia

203, 203, 203

Achromatomaly

220, 200, 189

CSS Examples

Text

The CSS property to change the color of the text to RYB 249, 195, 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(249, 187, 165) looks like.

```
.text, #text, p{  
    color:rgb(249, 187, 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(249, 187, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 187, 165) }
```

Border

The CSS property to change the border of an element to RYB 249, 195, 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(249, 187, 165) }
```

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

```
.border{ border-color:rgb(249, 187, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 187, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 187, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 187, 165);  
box-shadow:4px 4px 4px 4px rgb(249, 187,  
165) }
```

Background

The CSS property to change the background color of an element to RYB 249, 195, 165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 187, 165) }
```

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

```
.background{ background-color: rgb(249,  
187, 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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