

Converting Colors

`RYB(203, 165, 164)`

Have a look what the booklet for RYB(203, 165, 164) contains.

RYB(203, 165, 164)	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(203, 165, 164)

Conversions

Conversions Part 1

Format	Color
Hex	CBA5A4
RGB	203, 165, 164
RGB Percent	80%, 65%, 64%
CMY	0.2039, 0.3530, 0.3569
CMYK	0.00, 0.19, 0.19, 0.20
HSL	1°, 27%, 72%
HSV	1°, 19%, 80%
XYZ	44.7801, 42.2781, 40.9223
YIQ	176.2480, 22.9690, 7.7450

Conversions

Conversions Part 2

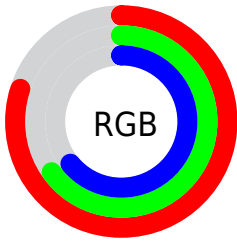
Format	Color
R _{YB}	203, 165, 164
Decimal	13346212
CIE Lab	71.06, 13.79, 5.78
CIE LCh	71, 14.954, 22.718
Yxy	42.2781, 0.3499, 0.3303
Android (android.graphics.Color)	4291536292 (0xFFCBA5A4)
YUV	176.2480, -6.0383, 23.4615
Hunter-Lab	65.0216, 9.1443, 8.2001

Details

The RYB color **203, 165, 164** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **164, 183, 203**, and the grayscale version is **176, 176, 176**.

A 20% lighter version of the original color is **255, 220, 219**, and **148, 113, 112** is the 20% darker color. If you saturate the color by 10%, you get **203, 145, 144**, and if you desaturate by 10%, it is **203, 185, 184**.

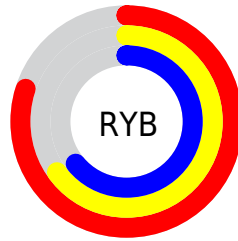
Distribution



Red (80%)

Green (65%)

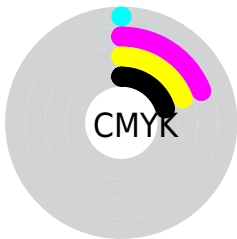
Blue (64%)



Red (80%)

Yellow (65%)

Blue (64%)

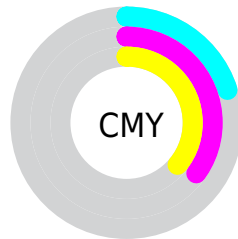


Cyan (0%)

Magenta (19%)

Yellow (19%)

Black (20%)



Cyan (20%)

Magenta (35%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 203, 165, 164 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 203, 165, 164 by changing the saturation by 10% instead.

 203, 165, 164

 203, 165, 164

255, 255, 255

 175, 139, 138

 255, 220, 219

 148, 113, 112

 255, 250, 247

 122, 88, 88

 97, 65, 65

 72, 43, 43

 49, 22, 22

 30, 0, 0


 0, 0, 0

 203, 165, 164

 203, 165, 164

 203, 145, 144

 203, 185, 184

 203, 125, 123

 203, 204, 205

 203, 106, 103

 203, 214, 225

 203, 86, 83

 203, 224, 245

 203, 66, 63

 203, 229, 255

 203, 46, 42

 203, 26, 22

 203, 7, 2

 203, 5, 0

Harmonies

Analogous

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



200, 165, 178



203, 165, 164



199, 175, 153

Triad

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



203, 165, 164



157, 180, 179



155, 169, 201

Complementary

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



203, 165, 164



164, 183, 203

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.



142, 164, 195



203, 165, 164



145, 167, 182

Square

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



203, 165, 164



149, 176, 151



139, 161, 184



172, 172, 199

Rectangle

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



203, 165, 164



192, 192, 148



139, 161, 184



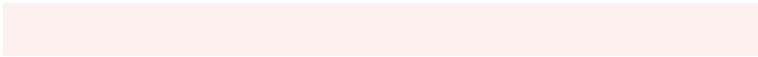
150, 168, 200

Sweetspot

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



203, 165, 164



255, 240, 240



203, 164, 202



128, 119, 119



0, 0, 0



128, 128, 128

Same Dimension

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



203, 165, 164



255, 198, 196



201, 203, 164



102, 92, 92



166, 4, 0



38, 1, 0

Inverse Universe

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



164, 183, 203



196, 225, 255



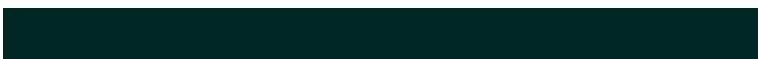
164, 177, 203



92, 97, 102



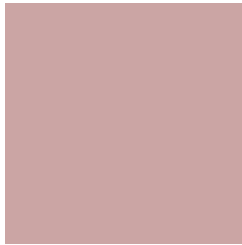
0, 82, 166



0, 19, 38

Previews

White Background



This preview shows how the RYB color 203, 165, 164 looks on a white background.

Color Contrast Check

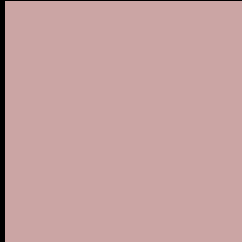
Large Text (above 18pt) WCAG AA × Fail

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 203, 165, 164 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 203, 165, 164 Background



This preview shows how black text looks on a background with the R Y B color 203, 165, 164.



This preview shows how white text looks on a background with the R Y B color 203, 165, 164.

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
203, 165, 164

Protanopia
179, 176, 169

Deuteranopia
195, 169, 163



Tritanopia
204, 163, 176

Trichromacy



Original Color
203, 165, 164

Protanomaly
188, 171, 167

Deuteranomaly
198, 168, 163

Tritanomaly
204, 164, 172

Monochromacy



Original Color
203, 165, 164

Achromatopsia
176, 176, 176

Achromatomaly
186, 172, 172

CSS Examples

Text

The CSS property to change the color of the text to RYB 203, 165, 164 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(203, 165, 164) looks like.

```
.text, #text, p{  
    color:rgb(203, 165, 164)  
}
```

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(203, 165, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 165, 164) }
```

Border

The CSS property to change the border of an element to RYB 203, 165, 164 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(203, 165, 164) }
```

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

```
.border{ border-color:rgb(203, 165, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 165, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 165, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 165, 164);  
box-shadow:4px 4px 4px 4px rgb(203, 165,  
164) }
```

Background

The CSS property to change the background color of an element to RGB 203, 165, 164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 165, 164) }
```

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

```
.background{ background-color: rgb(203,  
165, 164) }
```

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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