

Converting Colors

`RYB(200, 202, 123)`

Have a look what the booklet for
RYB(200, 202, 123) contains.

RYB(200, 202, 123)	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(200, 202, 123)

Conversions

Conversions Part 1

Format	Color
Hex	CAA37B
RGB	202, 163, 123
RGB Percent	79%, 64%, 48%
CMY	0.2078, 0.3608, 0.5176
CMYK	0.00, 0.19, 0.39, 0.21
HSL	30°, 43%, 64%
HSV	30°, 39%, 79%
XYZ	41.0306, 40.1833, 24.3325
YIQ	170.1010, 36.0840, -4.1720

Conversions

Conversions Part 2

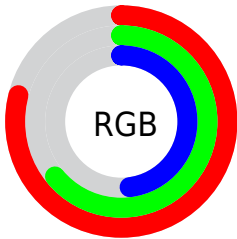
Format	Color
R _Y B	200, 202, 123
Decimal	13280123
CIE Lab	69.60, 8.92, 26.22
CIE LCh	70, 27.694, 71.210
Yxy	40.1833, 0.3887, 0.3807
Android (android.graphics.Color)	4291470203 (0xFFCAA37B)
YUV	170.1010, -23.2208, 27.9754
Hunter-Lab	63.3903, 4.6046, 21.6146

Details

The RYB color **200, 202, 123** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **123, 149, 202**, and the grayscale version is **170, 170, 170**.

A 20% lighter version of the original color is **246, 255, 176**, and **142, 146, 74** is the 20% darker color. If you saturate the color by 10%, you get **200, 202, 103**, and if you desaturate by 10%, it is **200, 202, 143**.

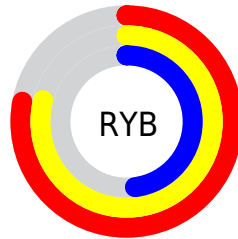
Distribution



Red (79%)

Green (64%)

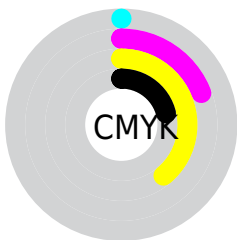
Blue (48%)



Red (78%)

Yellow (79%)

Blue (48%)

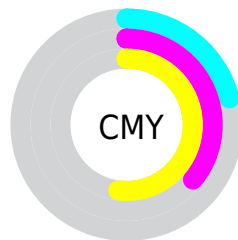


Cyan (0%)

Magenta (19%)

Yellow (39%)

Black (21%)



Cyan (21%)

Magenta (36%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RYB color 200, 202, 123 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 200, 202, 123 by changing the saturation by 10% instead.

 200, 202, 123

 200, 202, 123


255, 255, 255

 170, 174, 98

 246, 255, 176

 142, 146, 74

 214, 255, 203

 114, 120, 51

 232, 255, 232

 82, 93, 29

 49, 68, 5

 44, 40, 0

 17, 0, 0


 0, 0, 0

 200, 202, 123


 200, 202, 123

 200, 202, 103


 200, 202, 143

 200, 202, 83


 200, 202, 163

 198, 202, 62

 202, 202, 184

 198, 202, 42

 202, 203, 204

 198, 202, 22

 202, 209, 224

 198, 202, 2

 202, 216, 244

 198, 202, 0

 202, 222, 255

 202, 225, 255

 202, 228, 255

Harmonies

Analogous

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



217, 160, 138



200, 202, 123



130, 179, 121

Triad

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



200, 202, 123



98, 142, 184



186, 160, 208

Complementary

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



200, 202, 123



123, 149, 202

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.



152, 166, 219



200, 202, 123



94, 142, 202

Square

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



200, 202, 123



122, 162, 183



116, 154, 217



210, 153, 187

Rectangle

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



200, 202, 123



127, 176, 143



116, 154, 217



175, 163, 213

Sweetspot

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



200, 202, 123



253, 255, 224



202, 123, 163



128, 128, 110



0, 0, 0



128, 128, 128

Same Dimension

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



200, 202, 123



251, 255, 135



123, 202, 123



102, 102, 92



162, 166, 0



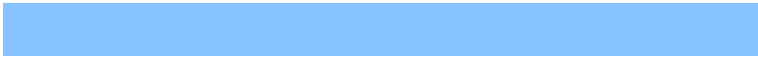
38, 38, 0

Inverse Universe

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



123, 149, 202



135, 175, 255



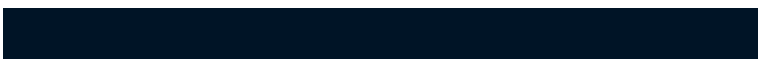
123, 123, 202



92, 95, 102



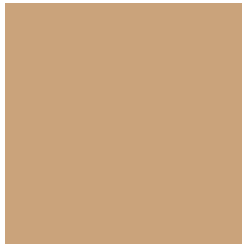
0, 55, 166



0, 13, 38

Previews

White Background



This preview shows how the RYB color 200, 202, 123 looks on a white background.

Color Contrast Check

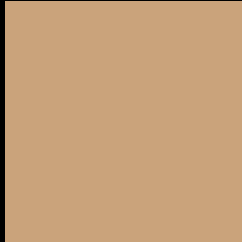
Large Text (above 18pt) WCAG AA × Fail

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 200, 202, 123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

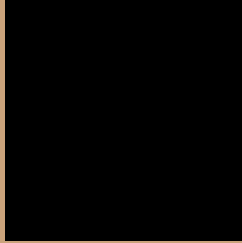
Any Text WCAG AA ✓ Pass

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 200, 202, 123 Background



This preview shows how black text looks on a background with the RYB color 200, 202, 123.



This preview shows how white text looks on a background with the RYB color 200, 202, 123.

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
200, 202, 123

Protanopia
143, 183, 126

Deuteranopia
200, 202, 123



Tritanopia
207, 157, 169

Trichromacy



Original Color
200, 202, 123

Protanomaly
161, 190, 125

Deuteranomaly
200, 202, 123

Tritanomaly
205, 160, 152

Monochromacy



Original Color
200, 202, 123

Achromatopsia
170, 170, 170

Achromatomaly
182, 180, 153

CSS Examples

Text

The CSS property to change the color of the text to RYB 200, 202, 123 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(202, 163, 123) looks like.

```
.text, #text, p{  
    color:rgb(202, 163, 123)  
}
```

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(202, 163, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 163, 123) }
```

Border

The CSS property to change the border of an element to RYB 200, 202, 123 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(202, 163, 123) }
```

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

```
.border{ border-color:rgb(202, 163, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 163, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 163, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 163, 123);  
box-shadow:4px 4px 4px 4px rgb(202, 163,  
123) }
```

Background

The CSS property to change the background color of an element to RGB 200, 202, 123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 163, 123) }
```

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

```
.background{ background-color: rgb(202,  
163, 123) }
```

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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