

Converting Colors

`RYB(191, 202, 104)`

Have a look what the booklet for
RYB(191, 202, 104) contains.

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Color

R_YB(191, 202, 104)

Conversions

Conversions Part 1

Format	Color
Hex	CA9C68
RGB	202, 156, 104
RGB Percent	79%, 61%, 41%
CMY	0.2078, 0.3886, 0.5922
CMYK	0.00, 0.23, 0.49, 0.21
HSL	32°, 48%, 60%
HSV	32°, 49%, 79%
XYZ	38.7298, 37.3040, 18.2558
YIQ	163.8260, 44.1080, -6.4200

Conversions

Conversions Part 2

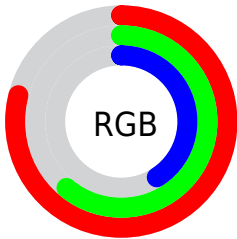
Format	Color
RYB	191, 202, 104
Decimal	13278312
CIELab	67.50, 10.75, 33.69
CIElCh	68, 35.364, 72.299
Yxy	37.3040, 0.4108, 0.3956
Android (android.graphics.Color)	4291468392 (0xFFCA9C68)
YUV	163.8260, -29.4942, 33.4786
Hunter-Lab	61.0770, 6.3047, 25.0322

Details

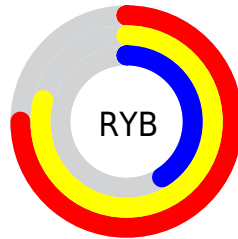
The RYB color **191, 202, 104** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **104, 135, 202**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **239, 255, 156**, and **131, 146, 56** is the 20% darker color. If you saturate the color by 10%, you get **191, 202, 84**, and if you desaturate by 10%, it is **194, 202, 124**.

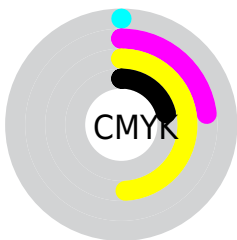
Distribution



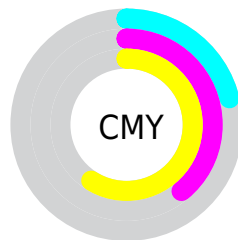
- Red (79%)
- Green (61%)
- Blue (41%)



- Red (75%)
- Yellow (79%)
- Blue (41%)



- Cyan (0%)
- Magenta (23%)
- Yellow (49%)
- Black (21%)



- Cyan (21%)
- Magenta (39%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RYB color 191, 202, 104 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 191, 202, 104 by changing the saturation by 10% instead.

 191, 202, 104


255, 255, 255

 239, 255, 156


 204, 255, 183

 211, 255, 211

 239, 255, 239

 191, 202, 104

 158, 173, 79

 131, 146, 56

 99, 118, 33


 67, 92, 9

 55, 66, 0

 41, 26, 0

 0, 0, 0

 191, 202, 104

 191, 202, 84

 191, 202, 104

 194, 202, 124

187, 202, 64

195, 202, 144

185, 202, 43

200, 202, 165

181, 202, 23

200, 202, 185

181, 202, 3

202, 203, 205

179, 202, 0

202, 209, 225

202, 216, 245

202, 221, 255

202, 224, 255

Harmonies

Analogous

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



222, 153, 123



191, 202, 104



108, 173, 101

Triad

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



191, 202, 104



56, 120, 182



185, 151, 212

Complementary

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



191, 202, 104



104, 135, 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.



140, 158, 226



191, 202, 104



41, 116, 206

Square

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



191, 202, 104



98, 151, 180



87, 140, 224



215, 142, 185

Rectangle

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



191, 202, 104



109, 173, 132



87, 140, 224



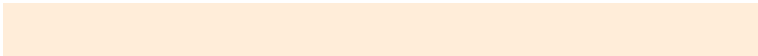
171, 155, 218

Sweetspot

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



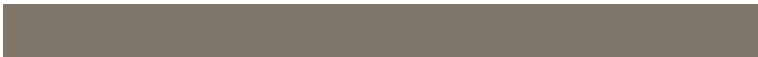
191, 202, 104



251, 255, 217



202, 104, 151



126, 128, 105



0, 0, 0



128, 128, 128

Same Dimension

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



191, 202, 104



240, 255, 107



104, 202, 106



102, 102, 92



147, 166, 0



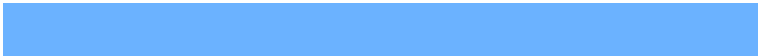
34, 38, 0

Inverse Universe

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



104, 135, 202



107, 155, 255



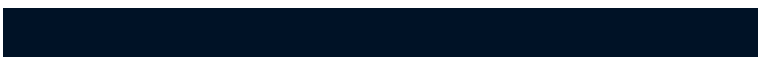
106, 104, 202



92, 95, 102



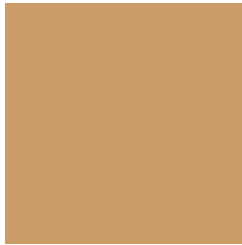
0, 53, 166



0, 12, 38

Previews

White Background



This preview shows how the RYB color 191, 202, 104 looks on a white background.

Color Contrast Check

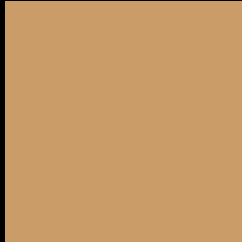
Large Text (above 18pt) WCAG AA × Fail

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 191, 202, 104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

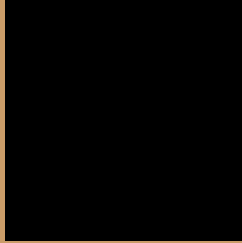
Any Text WCAG AA ✓ Pass

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 191, 202, 104 Background



This preview shows how black text looks on a background with the RYB color 191, 202, 104.



This preview shows how white text looks on a background with the RYB color 191, 202, 104.

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

191, 202, 104

Protanopia

124, 179, 107

Deuteranopia

179, 199, 104



Tritanopia
207, 149, 160

Trichromacy



Original Color
191, 202, 104

Protanomaly
142, 187, 106

Deuteranomaly
182, 200, 104

Tritanomaly
205, 155, 140

Monochromacy



Original Color
191, 202, 104

Achromatopsia
164, 164, 164

Achromatomaly
174, 178, 142

CSS Examples

Text

The CSS property to change the color of the text to RYB 191, 202, 104 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, 156, 104)` looks like.

```
.text, #text, p{  
    color:rgb(202, 156, 104)  
}
```

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, 156, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 156, 104) }
```

Border

The CSS property to change the border of an element to RYB 191, 202, 104 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, 156, 104) }
```

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

```
.border{ border-color:rgb(202, 156, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 156, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 156, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 156, 104);  
box-shadow:4px 4px 4px 4px rgb(202, 156,  
104) }
```

Background

The CSS property to change the background color of an element to RYB 191, 202, 104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 156, 104) }
```

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

```
.background{ background-color: rgb(202,  
156, 104) }
```

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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