

Converting Colors

`RYB(188, 196, 118)`

Have a look what the booklet for
RYB(188, 196, 118) contains.

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Color

R_{YB}(188, 196, 118)

Conversions

Conversions Part 1

Format	Color
Hex	C49F76
RGB	196, 159, 118
RGB Percent	77%, 62%, 46%
CMY	0.2314, 0.3760, 0.5373
CMYK	0.00, 0.19, 0.40, 0.23
HSL	32°, 40%, 62%
HSV	32°, 40%, 77%
XYZ	38.4517, 37.8772, 22.4240
YIQ	165.3890, 35.2130, -4.9070

Conversions

Conversions Part 2

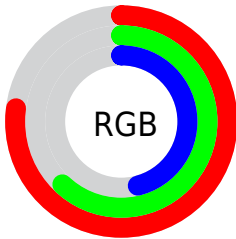
Format	Color
RYB	188, 196, 118
Decimal	12885878
CIELab	67.93, 8.03, 26.60
CIElCh	68, 27.784, 73.204
Yxy	37.8772, 0.3894, 0.3836
Android (android.graphics.Color)	4291075958 (0xFFC49F76)
YUV	165.3890, -23.3628, 26.8458
Hunter-Lab	61.5445, 3.8202, 21.4786

Details

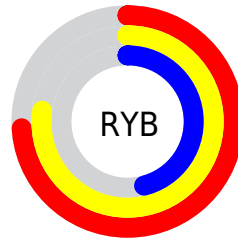
The RYB color **188, 196, 118** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **118, 143, 196**, and the grayscale version is **166, 166, 166**.

A 20% lighter version of the original color is **246, 254, 170**, and **130, 141, 69** is the 20% darker color. If you saturate the color by 10%, you get **185, 196, 98**, and if you desaturate by 10%, it is **192, 196, 138**.

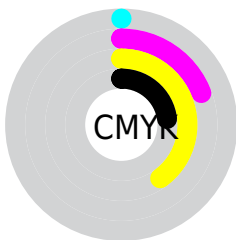
Distribution



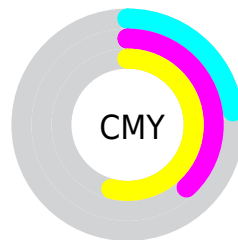
- Red (77%)
- Green (62%)
- Blue (46%)



- Red (74%)
- Yellow (77%)
- Blue (46%)



- Cyan (0%)
- Magenta (19%)
- Yellow (40%)
- Black (23%)



- Cyan (23%)
- Magenta (38%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RYB color 188, 196, 118 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 188, 196, 118 by changing the saturation by 10% instead.

 188, 196, 118

255, 255, 255

 246, 254, 170


 215, 255, 198

 226, 255, 226


 188, 196, 118

 159, 168, 93

 130, 141, 69

 100, 114, 46

 74, 88, 24

 41, 64, 0


 39, 37, 0


 0, 0, 0


 188, 196, 118


 185, 196, 98


 188, 196, 118


 192, 196, 138

 183, 196, 79

 190, 196, 157

 183, 196, 59

 194, 196, 177

 181, 196, 40

 196, 196, 196

 177, 196, 20

 196, 202, 216

 177, 196, 0

 196, 209, 236

 196, 215, 255

 196, 219, 255

 196, 222, 255

Harmonies

Analogous

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



212, 157, 132



188, 196, 118



121, 172, 116

Triad

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



188, 196, 118



92, 137, 180



183, 155, 202

Complementary

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



188, 196, 118



118, 143, 196

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.



150, 161, 214



188, 196, 118



90, 138, 199

Square

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



188, 196, 118



115, 156, 178



114, 151, 213



206, 149, 181

Rectangle

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



188, 196, 118



123, 172, 141



114, 151, 213



173, 158, 207

Sweetspot

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



188, 196, 118



250, 255, 224



196, 118, 156



128, 128, 110



0, 0, 0



128, 128, 128

Same Dimension

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



188, 196, 118



244, 255, 133



118, 196, 119



97, 97, 87



144, 161, 0



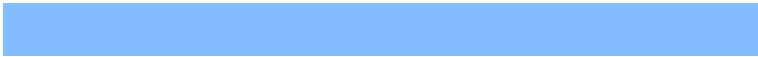
31, 33, 0

Inverse Universe

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



118, 143, 196



133, 172, 255



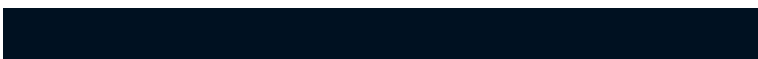
119, 118, 196



87, 90, 97



0, 52, 161



0, 11, 33

Previews

White Background



This preview shows how the RYB color 188, 196, 118 looks on a white background.

Color Contrast Check

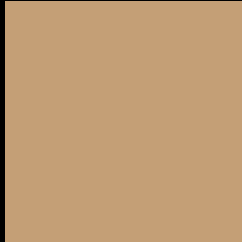
Large Text (above 18pt) WCAG AA × Fail

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 188, 196, 118 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 188, 196, 118 Background



This preview shows how black text looks on a background with the R Y B color 188, 196, 118.



This preview shows how white text looks on a background with the R Y B color 188, 196, 118.

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
188, 196, 118

Protanopia
136, 178, 121

Deuteranopia
191, 197, 118



Tritanopia
201, 153, 165

Trichromacy



Original Color
188, 196, 118

Protanomaly
153, 185, 120

Deuteranomaly
191, 197, 118

Tritanomaly
199, 156, 148

Monochromacy



Original Color
188, 196, 118

Achromatopsia
165, 165, 165

Achromatomaly
172, 176, 148

CSS Examples

Text

The CSS property to change the color of the text to RYB 188, 196, 118 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(196, 159, 118)` looks like.

```
.text, #text, p{  
    color:rgb(196, 159, 118)  
}
```

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(196, 159, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 159, 118) }
```

Border

The CSS property to change the border of an element to RYB 188, 196, 118 is called "border". The border property can be set on classes, ids or directly on the HTML element.

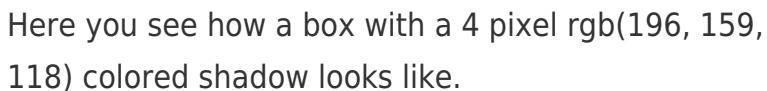
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 159, 118) }
```

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

```
.border{ border-color:rgb(196, 159, 118) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 159, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 159, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 159, 118); box-shadow:4px 4px 4px 4px rgb(196, 159, 118) }
```

Background

The CSS property to change the background color of an element to RYB 188, 196, 118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 159, 118) }
```

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

```
.background{ background-color: rgb(196,  
159, 118) }
```

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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