

Converting Colors

`RYB(196, 151, 127)`

Have a look what the booklet for
RYB(196, 151, 127) contains.

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Color

R_YB(196, 151, 127)

Conversions

Conversions Part 1

Format	Color
Hex	C4917F
RGB	196, 145, 127
RGB Percent	77%, 57%, 50%
CMY	0.2314, 0.4321, 0.5020
CMYK	0.00, 0.26, 0.35, 0.23
HSL	15°, 37%, 63%
HSV	15°, 35%, 77%
XYZ	36.6916, 33.4598, 24.6032
YIQ	158.1970, 36.1740, 5.2140

Conversions

Conversions Part 2

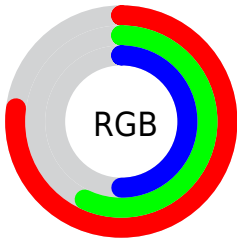
Format	Color
RYB	196, 151, 127
Decimal	12882303
CIELab	64.53, 16.95, 17.03
CIElCh	65, 24.026, 45.141
Yxy	33.4598, 0.3872, 0.3531
Android (android.graphics.Color)	4291072383 (0xFFC4917F)
YUV	158.1970, -15.3801, 33.1532
Hunter-Lab	57.8444, 11.9974, 15.2730

Details

The RYB color **196, 151, 127** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **127, 156, 196**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **254, 206, 180**, and **141, 99, 78** is the 20% darker color. If you saturate the color by 10%, you get **196, 138, 107**, and if you desaturate by 10%, it is **196, 163, 147**.

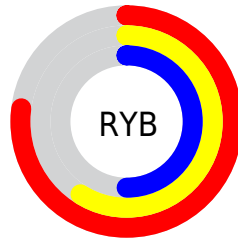
Distribution



Red (77%)

Green (57%)

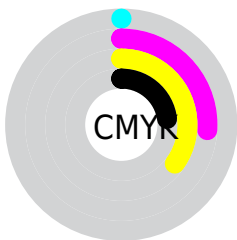
Blue (50%)



Red (77%)

Yellow (59%)

Blue (50%)

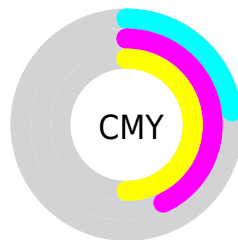


Cyan (0%)

Magenta (26%)

Yellow (35%)

Black (23%)



Cyan (23%)

Magenta (43%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RYB color 196, 151, 127 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 196, 151, 127 by changing the saturation by 10% instead.


 196, 151, 127


255, 255, 255

 254, 206, 180


 255, 241, 207


 236, 255, 236


 196, 151, 127

 168, 125, 102

 141, 99, 78

 114, 75, 55

 88, 54, 33


 63, 31, 12


 40, 3, 0

 0, 0, 0

 196, 151, 127

 196, 138, 107


 196, 151, 127

 196, 163, 147

 196, 126, 88

 196, 177, 166

 196, 112, 68

 196, 189, 186

 196, 100, 49

 196, 200, 205

 196, 87, 29

 196, 209, 225

 196, 75, 9

 196, 217, 245

 196, 69, 0

 196, 223, 255

 196, 226, 255

Harmonies

Analogous

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



200, 141, 146



196, 151, 127



173, 182, 115

Triad

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



196, 151, 127



113, 148, 168



145, 153, 198

Complementary

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



196, 151, 127



127, 156, 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.



116, 145, 197



196, 151, 127



96, 133, 169

Square

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



196, 151, 127



126, 164, 153



95, 135, 186



173, 147, 187

Rectangle

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



196, 151, 127



131, 169, 114



95, 135, 186



135, 151, 199

Sweetspot

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



196, 151, 127



255, 236, 227



196, 127, 179



128, 116, 111



0, 0, 0



128, 128, 128

Same Dimension

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



196, 151, 127



255, 186, 148



150, 196, 127



97, 91, 87



161, 55, 0



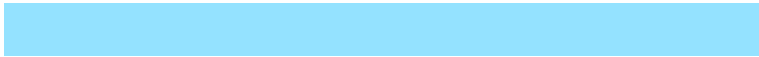
33, 12, 0

Inverse Universe

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



127, 156, 196



148, 193, 255



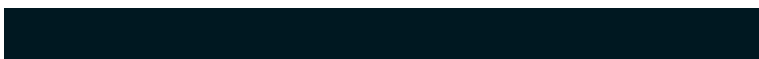
127, 141, 196



87, 91, 97



0, 68, 161



0, 14, 33

Previews

White Background



This preview shows how the RYB color 196, 151, 127 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 196, 151, 127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

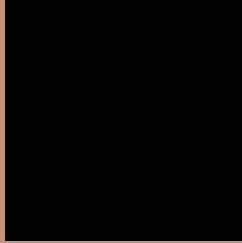
Any Text WCAG AA ✓ Pass

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 196, 151, 127 Background



This preview shows how black text looks on a background with the RYB color 196, 151, 127.

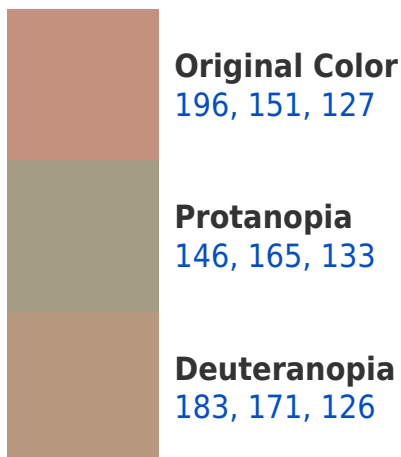



This preview shows how white text looks on a background with the RYB color 196, 151, 127.

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





Tritanopia
199, 141, 152

Trichromacy



Original Color
196, 151, 127

Protanomaly
176, 170, 131

Deuteranomaly
188, 163, 126

Tritanomaly
198, 142, 143

Monochromacy



Original Color
196, 151, 127

Achromatopsia
158, 158, 158

Achromatomaly
172, 155, 147

CSS Examples

Text

The CSS property to change the color of the text to RYB 196, 151, 127 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, 145, 127)` looks like.

```
.text, #text, p{  
    color:rgb(196, 145, 127)  
}
```

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, 145, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 145, 127) }
```

Border

The CSS property to change the border of an element to RYB 196, 151, 127 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, 145, 127) }
```

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

```
.border{ border-color:rgb(196, 145, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 145, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 145, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 145, 127);  
box-shadow:4px 4px 4px 4px rgb(196, 145,  
127) }
```

Background

The CSS property to change the background color of an element to RYB 196, 151, 127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 145, 127) }
```

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

```
.background{ background-color: rgb(196,  
145, 127) }
```

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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