

Converting Colors

`RYB(176, 207, 148)`

Have a look what the booklet for
RYB(176, 207, 148) contains.

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Color

R_YB(176, 207, 148)

Conversions

Conversions Part 1

Format	Color
Hex	CFBC94
RGB	207, 188, 148
RGB Percent	81%, 74%, 58%
CMY	0.1882, 0.2627, 0.4196
CMYK	0.00, 0.09, 0.29, 0.19
HSL	41°, 38%, 70%
HSV	41°, 29%, 81%
XYZ	49.0631, 51.3749, 35.3474
YIQ	189.1210, 24.1640, -8.4120

Conversions

Conversions Part 2

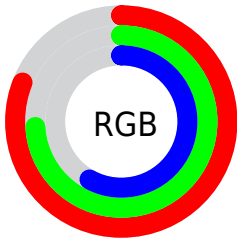
Format	Color
R _Y B	176, 207, 148
Decimal	13614228
CIE Lab	76.91, 0.64, 22.73
CIE LCh	77, 22.735, 88.398
Yxy	51.3749, 0.3613, 0.3784
Android (android.graphics.Color)	4291804308 (0xFFCFBC94)
YUV	189.1210, -20.2727, 15.6799
Hunter-Lab	71.6763, -3.2485, 20.9343

Details

The RYB color **176, 207, 148** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **148, 162, 207**, and the grayscale version is **189, 189, 189**.

A 20% lighter version of the original color is **216, 255, 202**, and **122, 152, 97** is the 20% darker color. If you saturate the color by 10%, you get **166, 207, 127**, and if you desaturate by 10%, it is **187, 207, 169**.

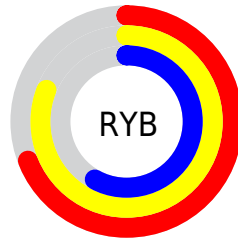
Distribution



Red (81%)

Green (74%)

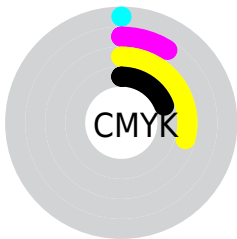
Blue (58%)



Red (69%)

Yellow (81%)

Blue (58%)

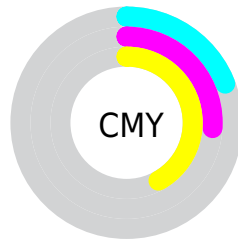


Cyan (0%)

Magenta (9%)

Yellow (29%)

Black (19%)



Cyan (19%)

Magenta (26%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RYB color 176, 207, 148 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 176, 207, 148 by changing the saturation by 10% instead.

 176, 207, 148

 176, 207, 148


255, 255, 255


 148, 179, 122

 216, 255, 202

 122, 152, 97

 230, 255, 230

 94, 125, 73

 71, 100, 50

 46, 75, 28

 18, 52, 4

 13, 29, 0

 0, 0, 0

 176, 207, 148


 176, 207, 148

 166, 207, 127


 187, 207, 169

 154, 207, 107


 198, 207, 189

 144, 207, 86


 207, 208, 210

 133, 207, 65


 207, 213, 231

 122, 207, 45

 207, 218, 252

 111, 207, 24

 207, 222, 255

 101, 207, 3

 207, 225, 255

 99, 207, 0

 207, 227, 255

 207, 229, 255

Harmonies

Analogous

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



224, 197, 155



176, 207, 148



153, 195, 164

Triad

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



176, 207, 148



131, 168, 209



216, 178, 212

Complementary

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



176, 207, 148



148, 162, 207

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.



192, 185, 227



176, 207, 148



140, 174, 225

Square

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



176, 207, 148



140, 175, 202



164, 184, 231



231, 175, 192

Rectangle

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



176, 207, 148



161, 198, 191



164, 184, 231



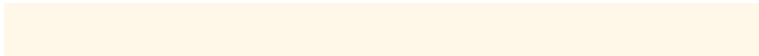
209, 180, 218

Sweetspot

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



176, 207, 148



242, 255, 232



207, 148, 168



121, 128, 113



0, 0, 0



128, 128, 128

Same Dimension

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



176, 207, 148



209, 255, 168



148, 207, 158



100, 105, 94



80, 168, 0



19, 41, 0

Inverse Universe

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



148, 162, 207



168, 189, 255



158, 148, 207



94, 96, 105



0, 41, 168



0, 10, 41

Previews

White Background



This preview shows how the RYB color 176, 207, 148 looks on a white background.

Color Contrast Check

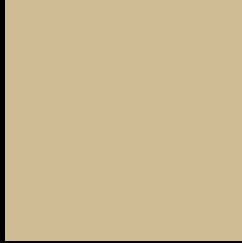
Large Text (above 18pt) WCAG AA × Fail

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 176, 207, 148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

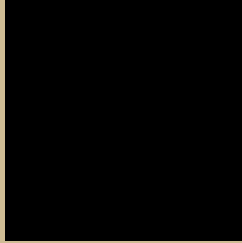
Any Text WCAG AA ✓ Pass

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 176, 207, 148 Background



This preview shows how black text looks on a background with the RYB color 176, 207, 148.



This preview shows how white text looks on a background with the RYB color 176, 207, 148.

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
176, 207, 148

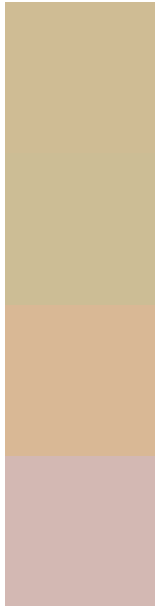
Protanopia
165, 202, 149

Deuteranopia
222, 209, 149



Tritanopia
213, 182, 196

Trichromacy



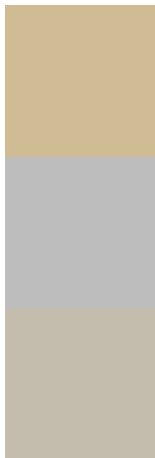
Original Color
176, 207, 148

Protanomaly
170, 204, 149

Deuteranomaly
213, 217, 149

Tritanomaly
211, 185, 179

Monochromacy



Original Color
176, 207, 148

Achromatopsia
189, 189, 189

Achromatomaly
184, 196, 174

CSS Examples

Text

The CSS property to change the color of the text to RYB 176, 207, 148 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(207, 188, 148) looks like.

```
.text, #text, p{  
    color:rgb(207, 188, 148)  
}
```

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(207, 188, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 188, 148) }
```

Border

The CSS property to change the border of an element to RYB 176, 207, 148 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(207, 188, 148) }
```

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

```
.border{ border-color:rgb(207, 188, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 188, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 188, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 188, 148);  
box-shadow:4px 4px 4px 4px rgb(207, 188,  
148) }
```

Background

The CSS property to change the background color of an element to RYB 176, 207, 148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 188, 148) }
```

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

```
.background{ background-color: rgb(207,  
188, 148) }
```

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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