

Converting Colors

`RYB(178, 194, 156)`

Have a look what the booklet for
RYB(178, 194, 156) contains.

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Color

R_YB(178, 194, 156)

Conversions

Conversions Part 1

Format	Color
Hex	C2B49C
RGB	194, 180, 156
RGB Percent	76%, 71%, 61%
CMY	0.2392, 0.2939, 0.3882
CMYK	0.00, 0.07, 0.20, 0.24
HSL	38°, 24%, 69%
HSV	38°, 20%, 76%
XYZ	44.5836, 46.5391, 38.0856
YIQ	181.4500, 16.0480, -4.4960

Conversions

Conversions Part 2

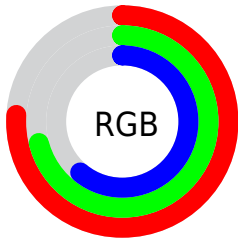
Format	Color
RYB	178, 194, 156
Decimal	12760220
CIELab	73.89, 1.02, 14.07
CIElCh	74, 14.109, 85.862
Yxy	46.5391, 0.3451, 0.3602
Android (android.graphics.Color)	4290950300 (0xFFC2B49C)
YUV	181.4500, -12.5468, 11.0064
Hunter-Lab	68.2196, -2.7289, 14.6533

Details

The RYB color **178, 194, 156** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **156, 166, 194**, and the grayscale version is **182, 182, 182**.

A 20% lighter version of the original color is **235, 251, 211**, and **126, 140, 105** is the 20% darker color. If you saturate the color by 10%, you get **170, 194, 137**, and if you desaturate by 10%, it is **186, 194, 175**.

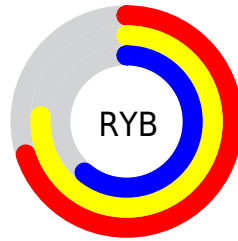
Distribution



Red (76%)

Green (71%)

Blue (61%)



Red (70%)

Yellow (76%)

Blue (61%)

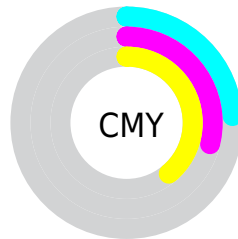


Cyan (0%)

Magenta (7%)

Yellow (20%)

Black (24%)



Cyan (24%)

Magenta (29%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RYB color 178, 194, 156 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 178, 194, 156 by changing the saturation by 10% instead.

 178, 194, 156

255, 255, 255

 235, 251, 211

 239, 255, 239


 178, 194, 156

 153, 167, 130

 126, 140, 105

 100, 114, 81

 75, 89, 58

 51, 66, 36

 28, 43, 15

 13, 21, 0


 0, 0, 0

 178, 194, 156


 178, 194, 156

 170, 194, 137


 186, 194, 175

 161, 194, 117

 194, 194, 195

 153, 194, 98


 194, 199, 214

 144, 194, 78


 194, 205, 234

 138, 194, 59

 194, 210, 253

 130, 194, 40

 194, 214, 255

 121, 194, 20

 194, 217, 255

 113, 194, 1

 194, 219, 255

 112, 194, 0

 194, 221, 255

Harmonies

Analogous

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



205, 184, 161



178, 194, 156



158, 184, 162

Triad

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



178, 194, 156



148, 169, 192



197, 175, 196

Complementary

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



178, 194, 156



156, 166, 194

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.



182, 179, 205



178, 194, 156



153, 173, 203

Square

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



178, 194, 156



153, 174, 189



166, 178, 207



207, 173, 184

Rectangle

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



178, 194, 156



163, 187, 180



166, 178, 207



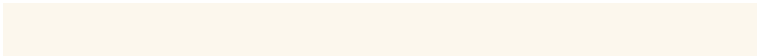
192, 176, 200

Sweetspot

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



178, 194, 156



245, 252, 237



194, 156, 170



126, 128, 119



0, 0, 0



128, 128, 128

Same Dimension

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



178, 194, 156



227, 252, 192



156, 194, 160



94, 97, 87



93, 161, 0



19, 33, 0

Inverse Universe

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



156, 166, 194



192, 208, 252



161, 156, 194



87, 90, 97



0, 43, 161



0, 9, 33

Previews

White Background



This preview shows how the RYB color 178, 194, 156 looks on a white background.

Color Contrast Check

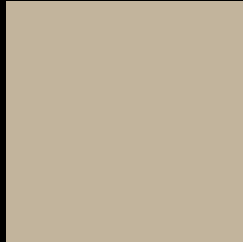
Large Text (above 18pt) WCAG AA × Fail

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 178, 194, 156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

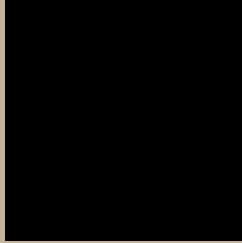
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

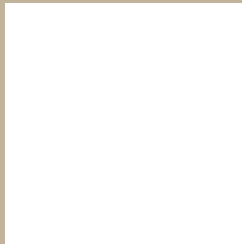
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYP 178, 194, 156 Background



This preview shows how black text looks on a background with the RYP color 178, 194, 156.



This preview shows how white text looks on a background with the RYP color 178, 194, 156.

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

178, 194, 156

Protanopia

171, 191, 157

Deuteranopia

208, 185, 157



Tritanopia
198, 175, 189

Trichromacy



Original Color

178, 194, 156

Protanomaly

173, 192, 157

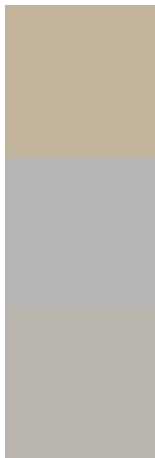
Deuteranomaly

203, 192, 157

Tritanomaly

197, 177, 177

Monochromacy



Original Color

178, 194, 156

Achromatopsia

181, 181, 181

Achromatomaly

180, 186, 172

CSS Examples

Text

The CSS property to change the color of the text to RYB 178, 194, 156 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(194, 180, 156) looks like.

```
.text, #text, p{  
    color:rgb(194, 180, 156)  
}
```

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(194, 180, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 180, 156) }
```

Border

The CSS property to change the border of an element to RYB 178, 194, 156 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(194, 180, 156) }
```

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

```
.border{ border-color:rgb(194, 180, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 180, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 180, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 180, 156);  
box-shadow:4px 4px 4px 4px rgb(194, 180,  
156) }
```

Background

The CSS property to change the background color of an element to RYB 178, 194, 156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 180, 156) }
```

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

```
.background{ background-color: rgb(194,  
180, 156) }
```

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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