

Converting Colors

`RYB(191, 178, 157)`

Have a look what the booklet for
RYB(191, 178, 157) contains.

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Color

R_YB(191, 178, 157)

Conversions

Conversions Part 1

Format	Color
Hex	BFAA9D
RGB	191, 170, 157
RGB Percent	75%, 67%, 62%
CMY	0.2510, 0.3334, 0.3843
CMYK	0.00, 0.11, 0.18, 0.25
HSL	23°, 21%, 68%
HSV	23°, 18%, 75%
XYZ	41.9430, 42.2533, 37.8434
YIQ	174.7970, 16.6890, 0.4090

Conversions

Conversions Part 2

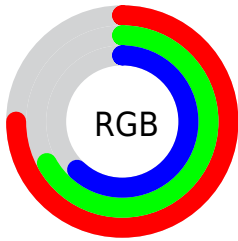
Format	Color
RYB	191, 178, 157
Decimal	12561053
CIELab	71.05, 5.47, 9.46
CIELCh	71, 10.928, 59.960
Yxy	42.2533, 0.3437, 0.3462
Android (android.graphics.Color)	4290751133 (0xFFBFAA9D)
YUV	174.7970, -8.7739, 14.2100
Hunter-Lab	65.0026, 1.4229, 10.9842

Details

The RYB color **191, 178, 157** is a light color, and the websafe version is hex **999999**. A complement of this color would be **157, 170, 191**, and the grayscale version is **175, 175, 175**.

A 20% lighter version of the original color is **248, 232, 212**, and **137, 126, 106** is the 20% darker color. If you saturate the color by 10%, you get **191, 170, 138**, and if you desaturate by 10%, it is **191, 186, 176**.

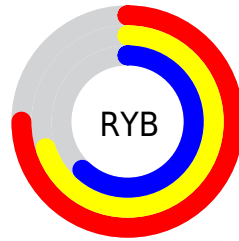
Distribution



Red (75%)

Green (67%)

Blue (62%)



Red (75%)

Yellow (70%)

Blue (62%)

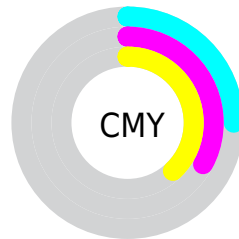


Cyan (0%)

Magenta (11%)

Yellow (18%)

Black (25%)



Cyan (25%)


Magenta (33%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 191, 178, 157 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, 178, 157 by changing the saturation by 10% instead.


 191, 178, 157

255, 255, 255

 248, 232, 212

 241, 255, 240

 191, 178, 157


 164, 152, 131

 137, 126, 106

 112, 99, 82


 87, 77, 59


 63, 53, 37


 41, 36, 16


 18, 0, 0


 0, 0, 0


 191, 178, 157


 191, 178, 157

 191, 170, 138


 191, 186, 176

 191, 162, 119


 191, 193, 195

 191, 157, 100


 191, 200, 214

 191, 149, 81


 191, 207, 233

 191, 141, 62


 191, 214, 252

 191, 134, 42


 191, 219, 255

 191, 126, 23

 191, 222, 255

 191, 121, 4

 191, 223, 255

 191, 118, 0

Harmonies

Analogous

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



195, 169, 164



191, 178, 157



167, 182, 154

Triad

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



191, 178, 157



152, 168, 180



176, 171, 191

Complementary

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



191, 178, 157



157, 170, 191

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.



163, 172, 194



191, 178, 157



149, 165, 183

Square

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



191, 178, 157



160, 176, 179



153, 168, 191



187, 169, 184

Rectangle

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



191, 178, 157



155, 175, 155



153, 168, 191



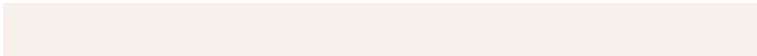
172, 172, 192

Sweetspot

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



191, 178, 157



247, 244, 235



191, 157, 179



125, 122, 117



252, 252, 252



125, 125, 125

Same Dimension

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



191, 178, 157



247, 228, 195



163, 191, 157



94, 92, 85



158, 97, 0



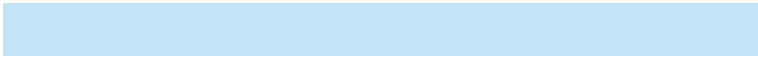
31, 20, 0

Inverse Universe

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



157, 170, 191



195, 215, 247



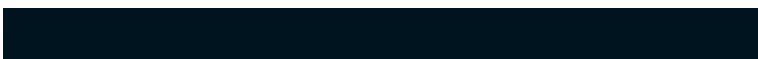
157, 161, 191



85, 89, 94



0, 60, 158



0, 12, 31

Previews

White Background



This preview shows how the RYB color 191, 178, 157 looks on a white background.

Color Contrast Check

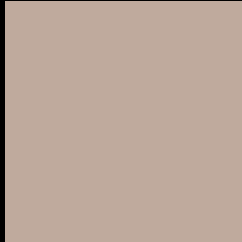
Large Text (above 18pt) WCAG AA × Fail

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, 178, 157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

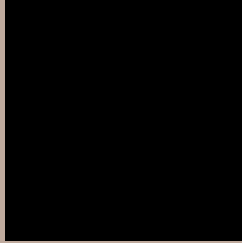
Any Text WCAG AA ✓ Pass

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, 178, 157 Background



This preview shows how black text looks on a background with the RYB color 191, 178, 157.



This preview shows how white text looks on a background with the RYB color 191, 178, 157.

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, 178, 157

Protanopia
172, 181, 159

Deuteranopia
197, 172, 157



Tritanopia
194, 167, 180

Trichromacy



Original Color

191, 178, 157

Protanomaly

183, 185, 158

Deuteranomaly

195, 175, 157

Tritanomaly

193, 168, 172

Monochromacy



Original Color

191, 178, 157

Achromatopsia

175, 175, 175

Achromatomaly

181, 176, 168

CSS Examples

Text

The CSS property to change the color of the text to RYB 191, 178, 157 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(191, 170, 157)` looks like.

```
.text, #text, p{  
    color:rgb(191, 170, 157)  
}
```

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(191, 170, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 170, 157) }
```

Border

The CSS property to change the border of an element to RYB 191, 178, 157 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(191, 170, 157) }
```

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

```
.border{ border-color:rgb(191, 170, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 170, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 170, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 170, 157);  
box-shadow:4px 4px 4px 4px rgb(191, 170,  
157) }
```

Background

The CSS property to change the background color of an element to RYB 191, 178, 157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 170, 157) }
```

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

```
.background{ background-color: rgb(191,  
170, 157) }
```

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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