

Converting Colors

`RYB(187, 161, 156)`

Have a look what the booklet for
RYB(187, 161, 156) contains.

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Color

R_YB(187, 161, 156)

Conversions

Conversions Part 1

Format	Color
Hex	BBA09C
RGB	187, 160, 156
RGB Percent	73%, 63%, 61%
CMY	0.2667, 0.3714, 0.3882
CMYK	0.00, 0.14, 0.17, 0.27
HSL	8°, 19%, 67%
HSV	8°, 17%, 73%
XYZ	39.1181, 38.2128, 36.7665
YIQ	167.6170, 17.3760, 4.4800

Conversions

Conversions Part 2

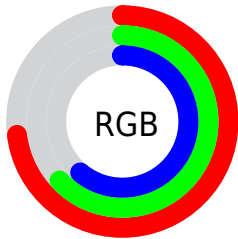
Format	Color
RYB	187, 161, 156
Decimal	12296348
CIELab	68.18, 9.09, 5.86
CIELCh	68, 10.814, 32.824
Yxy	38.2128, 0.3428, 0.3349
Android (android.graphics.Color)	4290486428 (0xFFBBA09C)
YUV	167.6170, -5.7272, 16.9989
Hunter-Lab	61.8165, 4.7778, 8.0077

Details

The RYB color **187, 161, 156** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **156, 170, 187**, and the grayscale version is **168, 168, 168**.

A 20% lighter version of the original color is **243, 216, 210**, and **133, 110, 105** is the 20% darker color. If you saturate the color by 10%, you get **187, 145, 137**, and if you desaturate by 10%, it is **187, 176, 175**.

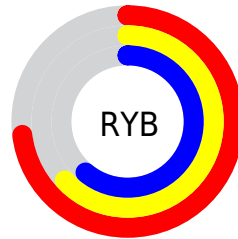
Distribution



Red (73%)

Green (63%)

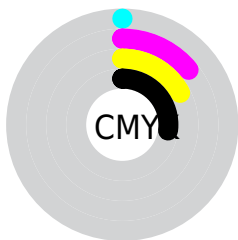
Blue (61%)



Red (73%)

Yellow (63%)

Blue (61%)

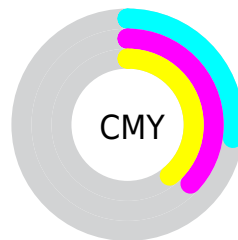


Cyan (0%)

Magenta (14%)

Yellow (17%)

Black (27%)



Cyan (27%)


Magenta (37%)

Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the RYB color 187, 161, 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 187, 161, 156 by changing the saturation by 10% instead.

 187, 161, 156

 187, 161, 156

255, 255, 255

 160, 135, 130

 243, 216, 210


 133, 110, 105

 255, 244, 239

 108, 84, 81


 83, 61, 58


 60, 39, 36


 38, 20, 15

 3, 0, 0


 0, 0, 0

 187, 161, 156

 187, 161, 156

 187, 145, 137

 187, 176, 175

 187, 129, 119

 187, 190, 193

 187, 114, 100

 187, 199, 212

 187, 98, 81

 187, 207, 231

 187, 83, 63

 187, 216, 250

 187, 67, 44

 187, 221, 255

 187, 52, 25

 187, 35, 6

 187, 30, 0

Harmonies

Analogous

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



186, 160, 166



187, 161, 156



182, 173, 149

Triad

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



187, 161, 156



151, 166, 171



157, 164, 185

Complementary

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



187, 161, 156



156, 170, 187

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.



147, 161, 183



187, 161, 156



144, 159, 172

Square

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



187, 161, 156



150, 169, 157



142, 158, 176



169, 163, 183

Rectangle

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



187, 161, 156



167, 177, 147



142, 158, 176



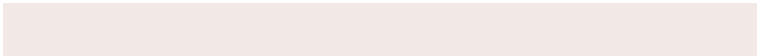
153, 163, 185

Sweetspot

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



187, 161, 156



242, 232, 230



187, 156, 183



122, 116, 115



250, 250, 250



122, 122, 122

Same Dimension

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



187, 161, 156



242, 202, 194



173, 187, 156



94, 86, 85



158, 26, 0



31, 5, 0

Inverse Universe

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



156, 170, 187



194, 216, 242



156, 164, 187



85, 89, 94



0, 73, 158



0, 14, 31

Previews

White Background



This preview shows how the RYB color 187, 161, 156 looks on a white background.

Color Contrast Check

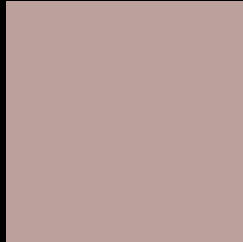
Large Text (above 18pt) WCAG AA × Fail

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 187, 161, 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](#).

RYB 187, 161, 156 Background



This preview shows how black text looks on a background with the RYB color 187, 161, 156.



This preview shows how white text looks on a background with the RYB color 187, 161, 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
187, 161, 156

Protanopia
168, 171, 159

Deuteranopia
186, 162, 156



Tritanopia
189, 158, 170

Trichromacy



Original Color

187, 161, 156

Protanomaly

177, 167, 158

Deuteranomaly

186, 162, 156

Tritanomaly

188, 159, 165

Monochromacy



Original Color

187, 161, 156

Achromatopsia

168, 168, 168

Achromatomaly

175, 165, 164

CSS Examples

Text

The CSS property to change the color of the text to RYB 187, 161, 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(187, 160, 156) looks like.

```
.text, #text, p{  
    color:rgb(187, 160, 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(187, 160, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 160, 156) }
```

Border

The CSS property to change the border of an element to RYB 187, 161, 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(187, 160, 156) }
```

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

```
.border{ border-color:rgb(187, 160, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 160, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 160, 156); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 160, 156); box-shadow:4px 4px 4px 4px rgb(187, 160, 156) }
```

Background

The CSS property to change the background color of an element to RYB 187, 161, 156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 160, 156) }
```

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

```
.background{ background-color: rgb(187,  
160, 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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