

Converting Colors

`RYB(184, 174, 158)`

Have a look what the booklet for
RYB(184, 174, 158) contains.

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Color

R_YB(184, 174, 158)

Conversions

Conversions Part 1

Format	Color
Hex	B8A89E
RGB	184, 168, 158
RGB Percent	72%, 66%, 62%
CMY	0.2784, 0.3415, 0.3804
CMYK	0.00, 0.09, 0.14, 0.28
HSL	23°, 15%, 67%
HSV	23°, 14%, 72%
XYZ	39.9238, 40.6291, 38.0857
YIQ	171.6440, 12.7460, 0.2820

Conversions

Conversions Part 2

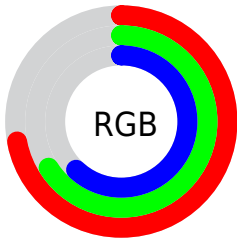
Format	Color
RYB	184, 174, 158
Decimal	12101790
CIELab	69.92, 4.13, 7.21
CIELCh	70, 8.312, 60.193
Yxy	40.6291, 0.3365, 0.3425
Android (android.graphics.Color)	4290291870 (0xFFB8A89E)
YUV	171.6440, -6.7265, 10.8362
Hunter-Lab	63.7409, 0.2558, 9.1924

Details

The RYB color **184, 174, 158** is a light color, and the websafe version is hex **999999**. A complement of this color would be **158, 168, 184**, and the grayscale version is **172, 172, 172**.

A 20% lighter version of the original color is **240, 229, 213**, and **131, 121, 107** is the 20% darker color. If you saturate the color by 10%, you get **184, 168, 140**, and if you desaturate by 10%, it is **184, 181, 176**.

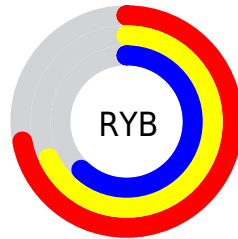
Distribution



Red (72%)

Green (66%)

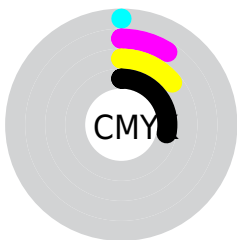
Blue (62%)



Red (72%)

Yellow (68%)

Blue (62%)

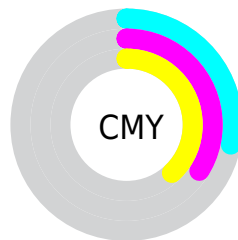


Cyan (0%)

Magenta (9%)

Yellow (14%)

Black (28%)



Cyan (28%)


Magenta (34%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the RYB color 184, 174, 158 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 184, 174, 158 by changing the saturation by 10% instead.

 184, 174, 158

 184, 174, 158

255, 255, 255


 157, 149, 132

 240, 229, 213

 131, 121, 107

 245, 255, 241

 106, 95, 83


 81, 74, 59

 58, 51, 38


 36, 31, 17

 10, 0, 0


 0, 0, 0


 184, 174, 158

 184, 174, 158

 184, 168, 140


 184, 181, 176

 184, 160, 121


 184, 188, 195

 184, 153, 103

 184, 195, 213

 184, 145, 84

 184, 202, 232

 184, 139, 66

 184, 209, 250

 184, 132, 48

 184, 214, 255

 184, 124, 29

 184, 218, 255

 184, 118, 11

 184, 220, 255

 184, 113, 0

Harmonies

Analogous

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



187, 166, 164



184, 174, 158



167, 177, 156

Triad

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



184, 174, 158



154, 166, 175



173, 169, 184

Complementary

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



184, 174, 158



158, 168, 184

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, 169, 186



184, 174, 158



152, 164, 178

Square

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



184, 174, 158



160, 173, 175



156, 167, 184



181, 167, 178

Rectangle

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



184, 174, 158



157, 172, 157



156, 167, 184



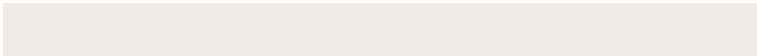
169, 170, 185

Sweetspot

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



184, 174, 158



240, 237, 230



184, 158, 174



120, 117, 114



247, 247, 247



120, 120, 120

Same Dimension

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



184, 174, 158



240, 223, 199



161, 184, 158



92, 88, 83



156, 95, 0



28, 18, 0

Inverse Universe

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



158, 168, 184



199, 215, 240



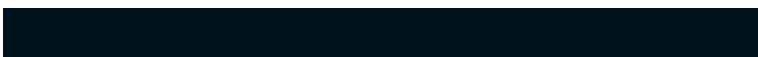
158, 161, 184



83, 86, 92



0, 59, 156



0, 11, 28

Previews

White Background



This preview shows how the RYB color 184, 174, 158 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 184, 174, 158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

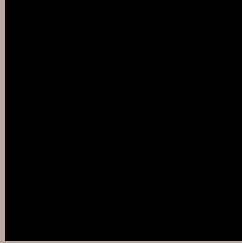
Any Text WCAG AA ✓ Pass

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](#).

R Y B 184, 174, 158 Background



This preview shows how black text looks on a background with the R Y B color 184, 174, 158.



This preview shows how white text looks on a background with the R Y B color 184, 174, 158.

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
184, 174, 158

Protanopia
170, 177, 159

Deuteranopia
192, 166, 159



Tritanopia
187, 165, 178

Trichromacy



Original Color

184, 174, 158

Protanomaly

180, 178, 159

Deuteranomaly

189, 168, 159

Tritanomaly

186, 166, 171

Monochromacy



Original Color

184, 174, 158

Achromatopsia

172, 172, 172

Achromatomaly

176, 174, 167

CSS Examples

Text

The CSS property to change the color of the text to RGB 184, 174, 158 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(184, 168, 158) looks like.

```
.text, #text, p{  
    color:rgb(184, 168, 158)  
}
```

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(184, 168, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 168, 158) }
```

Border

The CSS property to change the border of an element to RYB 184, 174, 158 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(184, 168, 158) }
```

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

```
.border{ border-color:rgb(184, 168, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 168, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 168, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 168, 158);  
box-shadow:4px 4px 4px 4px rgb(184, 168,  
158) }
```

Background

The CSS property to change the background color of an element to RYB 184, 174, 158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 168, 158) }
```

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

```
.background{ background-color: rgb(184,  
168, 158) }
```

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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