

Converting Colors

`RYB(180, 119, 110)`

Have a look what the booklet for
RYB(180, 119, 110) contains.

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Color

R_{YB}(180, 119, 110)

Conversions

Conversions Part 1

Format	Color
Hex	B4766E
RGB	180, 118, 110
RGB Percent	71%, 46%, 43%
CMY	0.2941, 0.5374, 0.5686
CMYK	0.00, 0.34, 0.39, 0.29
HSL	7°, 32%, 57%
HSV	7°, 39%, 71%
XYZ	28.1123, 23.7800, 17.8602
YIQ	135.6260, 39.5200, 10.6560

Conversions

Conversions Part 2

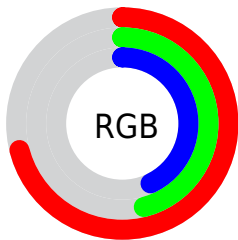
Format	Color
R_{YB}	180, 119, 110
Decimal	11826798
CIE _{Lab}	55.87, 23.37, 14.43
CIE _{LCh}	56, 27.461, 31.693
Yxy	23.7800, 0.4030, 0.3409
Android (android.graphics.Color)	4290016878 (0xFFB4766E)
YUV	135.6260, -12.6336, 38.9160
Hunter-Lab	48.7647, 17.5649, 12.4202

Details

The RYB color **180, 119, 110** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **110, 143, 180**, and the grayscale version is **136, 136, 136**.

A 20% lighter version of the original color is **238, 172, 162**, and **125, 70, 62** is the 20% darker color. If you saturate the color by 10%, you get **180, 103, 92**, and if you desaturate by 10%, it is **180, 135, 128**.

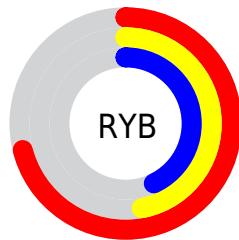
Distribution



Red (71%)

Green (46%)

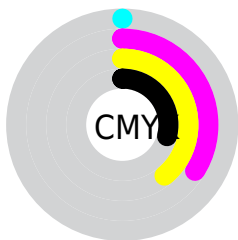
Blue (43%)



Red (71%)

Yellow (47%)

Blue (43%)

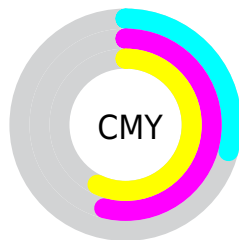


Cyan (0%)

Magenta (34%)

Yellow (39%)

Black (29%)



Cyan (29%)


Magenta (54%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the RYB color 180, 119, 110 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 180, 119, 110 by changing the saturation by 10% instead.

 180, 119, 110


255, 255, 255

 238, 172, 162

 255, 199, 189

 255, 229, 216


 245, 255, 245

 180, 119, 110

 152, 94, 86

 125, 70, 62

 98, 46, 41


 73, 23, 20


 48, 1, 0


 14, 0, 0

 0, 0, 0


 180, 119, 110


 180, 103, 92


 180, 119, 110

 180, 135, 128


 180, 88, 74

 180, 151, 146


 180, 72, 56

 180, 166, 164


 180, 56, 38

 180, 181, 182

 180, 40, 20

 180, 189, 200

 180, 25, 2

 180, 198, 218

 180, 24, 0

 180, 206, 236

 180, 215, 254

 180, 218, 255

Harmonies

Analogous

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



179, 116, 133



180, 119, 110



169, 148, 93

Triad

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



180, 119, 110



96, 134, 145



104, 127, 181

Complementary

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



180, 119, 110



110, 143, 180

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.



68, 112, 175



180, 119, 110



68, 111, 147

Square

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



180, 119, 110



93, 140, 109



51, 101, 158



139, 127, 174

Rectangle

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



180, 119, 110



129, 156, 87



51, 101, 158



91, 122, 181

Sweetspot

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



180, 119, 110



235, 211, 206



180, 110, 173



117, 103, 101



245, 245, 245



117, 117, 117

Same Dimension

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



180, 119, 110



235, 139, 124



157, 180, 110



89, 81, 80



153, 19, 0



26, 3, 0

Inverse Universe

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



110, 143, 180



124, 176, 235



110, 130, 180



80, 84, 89



0, 72, 153



0, 12, 26

Previews

White Background



This preview shows how the RYB color 180, 119, 110 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 180, 119, 110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

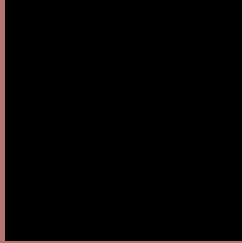
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

RYB 180, 119, 110 Background



This preview shows how black text looks on a background with the RYB color 180, 119, 110.

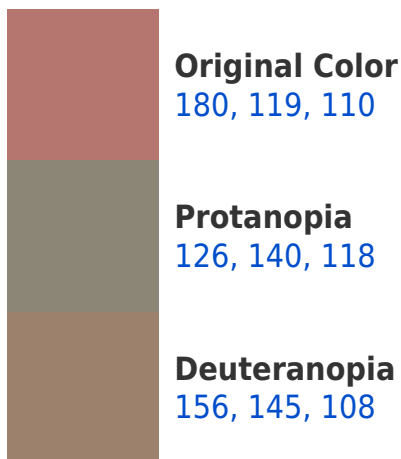



This preview shows how white text looks on a background with the RYB color 180, 119, 110.

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





Tritanopia
181, 116, 125

Trichromacy



Original Color

180, 119, 110

Protanomaly

155, 134, 115

Deuteranomaly

165, 131, 109

Tritanomaly

181, 117, 120

Monochromacy



Original Color

180, 119, 110

Achromatopsia

136, 136, 136

Achromatomaly

152, 129, 127

CSS Examples

Text

The CSS property to change the color of the text to RYB 180, 119, 110 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(180, 118, 110)` looks like.

```
.text, #text, p{  
    color:rgb(180, 118, 110)  
}
```

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(180, 118, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 118, 110) }
```

Border

The CSS property to change the border of an element to RYB 180, 119, 110 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(180, 118, 110) }
```

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

```
.border{ border-color:rgb(180, 118, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 118, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 118, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 118, 110);  
box-shadow:4px 4px 4px 4px rgb(180, 118,  
110) }
```

Background

The CSS property to change the background color of an element to RYB 180, 119, 110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 118, 110) }
```

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

```
.background{ background-color: rgb(180,  
118, 110) }
```

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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