

Converting Colors

`RYB(180, 130, 118)`

Have a look what the booklet for
RYB(180, 130, 118) contains.

RYB(180, 130, 118)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(180, 130, 118)

Conversions

Conversions Part 1

Format	Color
Hex	B48076
RGB	180, 128, 118
RGB Percent	71%, 50%, 46%
CMY	0.2941, 0.4978, 0.5373
CMYK	0.00, 0.29, 0.34, 0.29
HSL	10°, 29%, 58%
HSV	10°, 34%, 71%
XYZ	29.8186, 26.4638, 20.6759
YIQ	142.4080, 34.2020, 7.9140

Conversions

Conversions Part 2

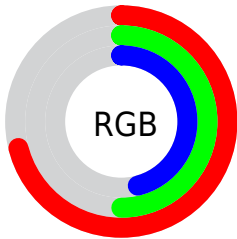
Format	Color
R_{YB}	180, 130, 118
Decimal	11829366
CIE Lab	58.47, 18.73, 13.45
CIE LCh	58, 23.061, 35.674
Yxy	26.4638, 0.3875, 0.3439
Android (android.graphics.Color)	4290019446 (0xFFB48076)
YUV	142.4080, -12.0331, 32.9682
Hunter-Lab	51.4429, 13.4415, 12.1802

Details

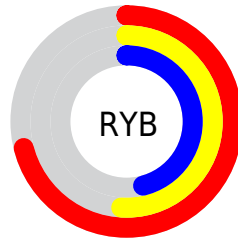
The RYB color **180, 130, 118** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **118, 146, 180**, and the grayscale version is **143, 143, 143**.

A 20% lighter version of the original color is **237, 183, 170**, and **126, 79, 70** is the 20% darker color. If you saturate the color by 10%, you get **180, 116, 100**, and if you desaturate by 10%, it is **180, 144, 136**.

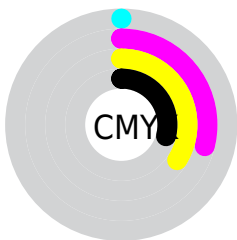
Distribution



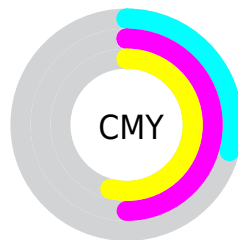
- Red (71%)
- Green (50%)
- Blue (46%)



- Red (71%)
- Yellow (51%)
- Blue (46%)



- Cyan (0%)
- Magenta (29%)
- Yellow (34%)
- Black (29%)




- Cyan (29%)
- Magenta (50%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RYB color 180, 130, 118 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, 130, 118 by changing the saturation by 10% instead.

 180, 130, 118

255, 255, 255

 237, 183, 170


 255, 212, 197

 255, 245, 225

254, 255, 254

 180, 130, 118

 180, 116, 100

 180, 130, 118

 152, 105, 93

 126, 79, 70


 99, 56, 47


 74, 34, 26


 50, 16, 0


 25, 0, 1

 0, 0, 0


 180, 130, 118

 180, 144, 136


 180, 101, 82

 180, 159, 154


 180, 87, 64

 180, 173, 172

 180, 72, 46

 180, 184, 190

 180, 58, 28

 180, 193, 208

 180, 44, 10

 180, 201, 226

 180, 35, 0

 180, 209, 244

 180, 216, 255

 180, 218, 255

Harmonies

Analogous

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



181, 126, 137



180, 130, 118



169, 160, 104

Triad

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



180, 130, 118



106, 138, 150



121, 136, 180

Complementary

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



180, 130, 118



118, 146, 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.



94, 126, 177



180, 130, 118



87, 122, 152

Square

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



180, 130, 118



107, 146, 124



80, 118, 163



149, 134, 173

Rectangle

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



180, 130, 118



131, 158, 100



80, 118, 163



111, 133, 180

Sweetspot

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



180, 130, 118



235, 216, 211



180, 118, 171



117, 107, 103



245, 245, 245



117, 117, 117

Same Dimension

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



180, 130, 118



235, 157, 138



152, 180, 118



89, 83, 80



153, 30, 0



26, 5, 0

Inverse Universe

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



118, 146, 180



138, 182, 235



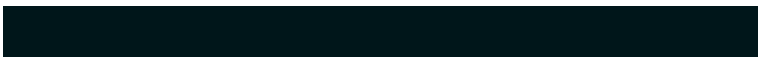
118, 134, 180



80, 84, 89



0, 70, 153



0, 12, 26

Previews

White Background



This preview shows how the RYB color 180, 130, 118 looks on a white background.

Color Contrast Check

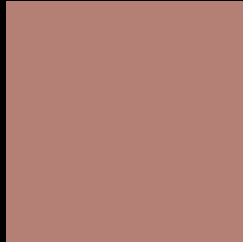
Large Text (above 18pt) WCAG AA ✓ Pass

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, 130, 118 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, 130, 118 Background



This preview shows how black text looks on a background with the RYB color 180, 130, 118.



This preview shows how white text looks on a background with the RYB color 180, 130, 118.

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
180, 130, 118

Protanopia
132, 147, 124

Deuteranopia
163, 147, 117



Tritanopia
182, 126, 135

Trichromacy



Original Color

180, 130, 118

Protanomaly

159, 145, 122

Deuteranomaly

169, 138, 117

Tritanomaly

181, 127, 129

Monochromacy



Original Color

180, 130, 118

Achromatopsia

142, 142, 142

Achromatomaly

156, 138, 133

CSS Examples

Text

The CSS property to change the color of the text to RYB 180, 130, 118 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, 128, 118)` looks like.

```
.text, #text, p{  
    color:rgb(180, 128, 118)  
}
```

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, 128, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 128, 118) }
```

Border

The CSS property to change the border of an element to RYB 180, 130, 118 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, 128, 118) }
```

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

```
.border{ border-color:rgb(180, 128, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 128, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 128, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 128, 118);  
box-shadow:4px 4px 4px 4px rgb(180, 128,  
118) }
```

Background

The CSS property to change the background color of an element to RYB 180, 130, 118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 128, 118) }
```

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

```
.background{ background-color: rgb(180,  
128, 118) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor