

Converting Colors

`RYB(183, 138, 118)`

Have a look what the booklet for
RYB(183, 138, 118) contains.

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Color

R_YB(183, 138, 118)

Conversions

Conversions Part 1

Format	Color
Hex	B78576
RGB	183, 133, 118
RGB Percent	72%, 52%, 46%
CMY	0.2824, 0.4773, 0.5373
CMYK	0.00, 0.27, 0.36, 0.28
HSL	14°, 31%, 59%
HSV	14°, 36%, 72%
XYZ	31.2263, 28.2310, 20.9429
YIQ	146.2400, 34.6150, 5.9350

Conversions

Conversions Part 2

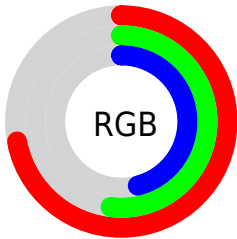
Format	Color
R_{YB}	183, 138, 118
Decimal	12027254
CIE _{Lab}	60.10, 17.01, 15.75
CIE _{LCh}	60, 23.181, 42.810
Yxy	28.2310, 0.3884, 0.3511
Android (android.graphics.Color)	4290217334 (0xFFB78576)
YUV	146.2400, -13.9223, 32.2385
Hunter-Lab	53.1328, 11.9224, 13.8232

Details

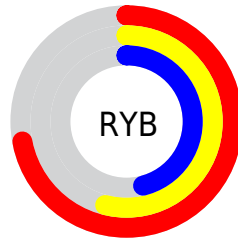
The RYB color **183, 138, 118** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **118, 146, 183**, and the grayscale version is **147, 147, 147**.

A 20% lighter version of the original color is **240, 191, 170**, and **128, 87, 70** is the 20% darker color. If you saturate the color by 10%, you get **183, 125, 100**, and if you desaturate by 10%, it is **183, 150, 136**.

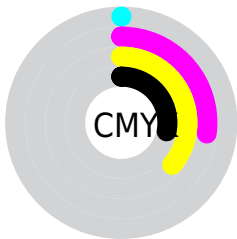
Distribution



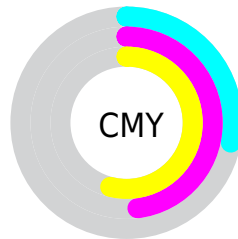
- Red (72%)
- Green (52%)
- Blue (46%)



- Red (72%)
- Yellow (54%)
- Blue (46%)



- Cyan (0%)
- Magenta (27%)
- Yellow (36%)
- Black (28%)



- Cyan (28%)
- Magenta (48%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RYB color 183, 138, 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 183, 138, 118 by changing the saturation by 10% instead.

 183, 138, 118

255, 255, 255

 240, 192, 170

 255, 221, 197

 245, 255, 225

254, 255, 254

 183, 138, 118

 183, 125, 100

 183, 138, 118

 155, 113, 93

 128, 87, 70

 102, 64, 47

 77, 42, 26


 53, 25, 0

 31, 0, 1


 0, 0, 0

 183, 138, 118

 183, 150, 136


 183, 112, 81

 183, 163, 155

 183, 100, 63

 183, 176, 173

 183, 87, 45

 183, 186, 191

 183, 74, 26

 183, 194, 210

 183, 62, 8

 183, 202, 228

 183, 56, 0

 183, 210, 246

 183, 216, 255

 183, 219, 255

Harmonies

Analogous

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



186, 130, 137



183, 138, 118



162, 170, 106

Triad

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



183, 138, 118



105, 137, 155



132, 142, 184

Complementary

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



183, 138, 118



118, 146, 183

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.



104, 133, 183



183, 138, 118



87, 122, 156

Square

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



183, 138, 118



114, 152, 138



85, 124, 172



159, 137, 175

Rectangle

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



183, 138, 118



123, 158, 104



85, 124, 172



122, 139, 185

Sweetspot

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



183, 138, 118



237, 219, 211



183, 118, 168



120, 109, 104



247, 247, 247



120, 120, 120

Same Dimension

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



183, 138, 118



237, 166, 135



141, 183, 118



92, 86, 83



156, 49, 0



28, 9, 0

Inverse Universe

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



118, 146, 183



135, 179, 237



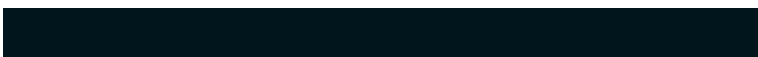
118, 131, 183



83, 87, 92



0, 68, 156



0, 12, 28

Previews

White Background



This preview shows how the RYB color 183, 138, 118 looks on a white background.

Color Contrast Check

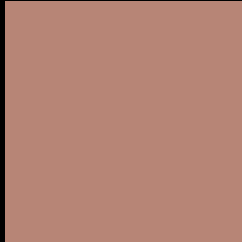
Large Text (above 18pt) WCAG AA ✓ Pass

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 183, 138, 118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

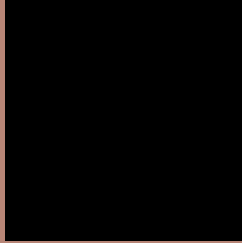
Any Text WCAG AA ✓ Pass

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](#).

R Y B 183, 138, 118 Background



This preview shows how black text looks on a background with the RYB color 183, 138, 118.



This preview shows how white text looks on a background with the RYB color 183, 138, 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
183, 138, 118

Protanopia
135, 153, 124

Deuteranopia
169, 155, 117



Tritanopia
185, 130, 140

Trichromacy



Original Color

183, 138, 118

Protanomaly

164, 157, 122

Deuteranomaly

174, 148, 117

Tritanomaly

184, 131, 132

Monochromacy



Original Color

183, 138, 118

Achromatopsia

146, 146, 146

Achromatomaly

159, 142, 136

CSS Examples

Text

The CSS property to change the color of the text to RYB 183, 138, 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(183, 133, 118)` looks like.

```
.text, #text, p{  
    color:rgb(183, 133, 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(183, 133, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 133, 118) }
```

Border

The CSS property to change the border of an element to RYB 183, 138, 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(183, 133, 118) }
```

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

```
.border{ border-color:rgb(183, 133, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 133, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 133, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 133, 118);  
box-shadow:4px 4px 4px 4px rgb(183, 133,  
118) }
```

Background

The CSS property to change the background color of an element to RYB 183, 138, 118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 133, 118) }
```

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

```
.background{ background-color: rgb(183,  
133, 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](#).

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