

Converting Colors

`RYB(127, 135, 118)`

Have a look what the booklet for
RYB(127, 135, 118) contains.

RYB(127, 135, 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(127, 135, 118)

Conversions

Conversions Part 1

Format	Color
Hex	878176
RGB	135, 129, 118
RGB Percent	53%, 51%, 46%
CMY	0.4706, 0.4937, 0.5373
CMYK	0.00, 0.04, 0.13, 0.47
HSL	39°, 7%, 50%
HSV	39°, 13%, 53%
XYZ	21.1272, 22.1898, 20.3091
YIQ	129.5400, 7.1070, -2.1490

Conversions

Conversions Part 2

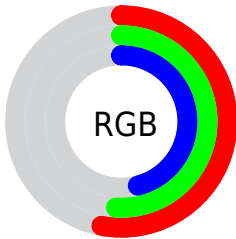
Format	Color
RYB	127, 135, 118
Decimal	8880502
CIELab	54.23, 0.17, 6.81
CIELCh	54, 6.813, 88.537
Yxy	22.1898, 0.3321, 0.3488
Android (android.graphics.Color)	4287070582 (0xFF878176)
YUV	129.5400, -5.6892, 4.7884
Hunter-Lab	47.1061, -2.3781, 7.4123

Details

The RYB color **127, 135, 118** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **118, 122, 135**, and the grayscale version is **130, 130, 130**.

A 20% lighter version of the original color is **179, 188, 170**, and **78, 85, 70** is the 20% darker color. If you saturate the color by 10%, you get **122, 135, 105**, and if you desaturate by 10%, it is **134, 135, 132**.

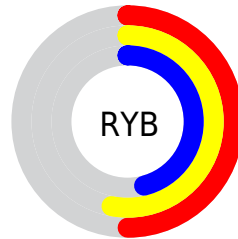
Distribution



Red (53%)

Green (51%)

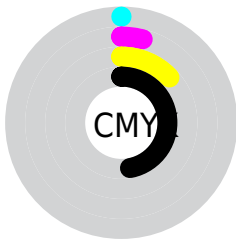
Blue (46%)



Red (50%)

Yellow (53%)

Blue (46%)

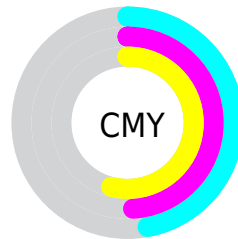


Cyan (0%)

Magenta (4%)

Yellow (13%)

Black (47%)



Cyan (47%)

Magenta (49%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RYB color 127, 135, 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 127, 135, 118 by changing the saturation by 10% instead.

■ 127, 135, 118

255, 255, 255

■ 179, 188, 170

■ 206, 216, 197

■ 236, 245, 225

254, 255, 254

■ 127, 135, 118

■ 122, 135, 105

■ 114, 135, 91

■ 127, 135, 118

■ 102, 110, 93

■ 78, 85, 70

■ 55, 62, 47

■ 33, 40, 27

■ 9, 20, 0

■ 0, 0, 0

■ 127, 135, 118

■ 134, 135, 132

■ 135, 137, 145

■ 109, 135, 78

■ 135, 141, 159

■ 103, 135, 64

■ 135, 145, 172

■ 95, 135, 51

■ 135, 148, 186

■ 89, 135, 37

■ 135, 151, 199

■ 84, 135, 24

■ 135, 155, 212

■ 76, 135, 10

■ 135, 159, 226

■ 72, 135, 0

■ 135, 162, 240

Harmonies

Analogous

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



140, 131, 120



127, 135, 118



119, 131, 122

Triad

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



127, 135, 118



115, 124, 135



137, 127, 136

Complementary

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



127, 135, 118



118, 122, 135

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.



131, 128, 140



127, 135, 118



118, 126, 139

Square

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



127, 135, 118



117, 126, 133



123, 128, 141



142, 126, 130

Rectangle

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



127, 135, 118



122, 132, 130



123, 128, 141



135, 127, 137

Sweetspot

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



127, 135, 118



172, 176, 169



135, 118, 124



86, 89, 85



217, 217, 217



89, 89, 89

Same Dimension

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



127, 135, 118



164, 176, 150



118, 135, 121



63, 66, 60



69, 130, 0



2, 3, 0

Inverse Universe

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



118, 122, 135



150, 157, 176



121, 118, 135



60, 62, 66



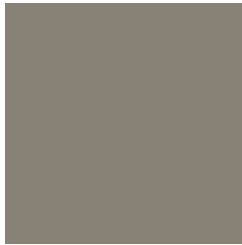
0, 33, 130



0, 1, 3

Previews

White Background



This preview shows how the RYB color 127, 135, 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 127, 135, 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](#).

RYP 127, 135, 118 Background



This preview shows how black text looks on a background with the RYP color 127, 135, 118.



This preview shows how white text looks on a background with the RYP color 127, 135, 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
127, 135, 118

Protanopia
127, 135, 118

Deuteranopia
146, 127, 119



Tritanopia
138, 126, 136

Trichromacy



Original Color

127, 135, 118

Protanomaly

127, 135, 118

Deuteranomaly

142, 129, 119

Tritanomaly

137, 127, 129

Monochromacy



Original Color

127, 135, 118

Achromatopsia

130, 130, 130

Achromatomaly

129, 132, 126

CSS Examples

Text

The CSS property to change the color of the text to RYB 127, 135, 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(135, 129, 118) looks like.

```
.text, #text, p{  
    color:rgb(135, 129, 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(135, 129, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 129, 118) }
```

Border

The CSS property to change the border of an element to RYB 127, 135, 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(135, 129, 118) }
```

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

```
.border{ border-color:rgb(135, 129, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 129, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 129, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 129, 118); box-shadow:4px 4px 4px 4px rgb(135, 129, 118) }
```

Background

The CSS property to change the background color of an element to RYB 127, 135, 118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 129, 118) }
```

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

```
.background{ background-color: rgb(135,  
129, 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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