

Converting Colors

`RYB(119, 128, 115)`

Have a look what the booklet for
RYB(119, 128, 115) contains.

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Color

`RYB(119, 128, 115)`

Conversions

Conversions Part 1	
Format	Color
Hex	807D73
RGB	128, 125, 115
RGB Percent	50%, 49%, 45%
CMY	0.4980, 0.5100, 0.5490
CMYK	0.00, 0.02, 0.10, 0.50
HSL	46°, 5%, 48%
HSV	46°, 10%, 50%
XYZ	19.3228, 20.4793, 19.1541
YIQ	124.7570, 4.9980, -2.4740

Conversions

Conversions Part 2

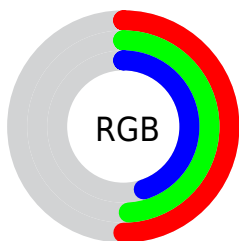
Format	Color
RYB	119, 128, 115
Decimal	8420723
CIELab	52.37, -0.72, 5.82
CIELCh	52, 5.869, 97.043
Yxy	20.4793, 0.3277, 0.3474
Android (android.graphics.Color)	4286610803 (0xFF807D73)
YUV	124.7570, -4.8102, 2.8441
Hunter-Lab	45.2541, -2.9781, 6.5829

Details

The RYB color **119, 128, 115** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **115, 117, 128**, and the grayscale version is **125, 125, 125**.

A 20% lighter version of the original color is **171, 181, 167**, and **71, 79, 67** is the 20% darker color. If you saturate the color by 10%, you get **110, 128, 102**, and if you desaturate by 10%, it is **128, 128, 128**.

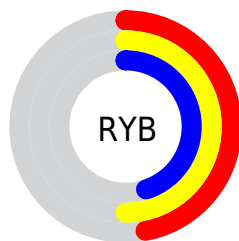
Distribution



Red (50%)

Green (49%)

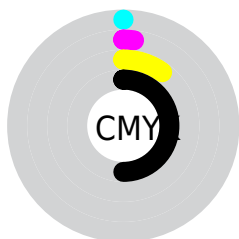
Blue (45%)



Red (47%)

Yellow (50%)

Blue (45%)

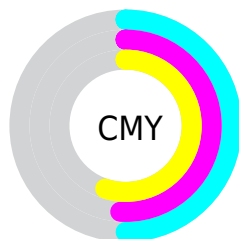


Cyan (0%)

Magenta (2%)

Yellow (10%)

Black (50%)



Cyan (50%)

Magenta (51%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RYB color 119, 128, 115 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 119, 128, 115 by changing the saturation by 10% instead.



119, 128, 115

255, 255, 255



173, 181, 167



198, 208, 194



227, 237, 222

251, 255, 251



119, 128, 115



94, 103, 90



71, 79, 67



47, 56, 45



27, 34, 24



2, 11, 0



0, 0, 0



119, 128, 115



110, 128, 102



101, 128, 89



119, 128, 115




128, 128, 128



128, 130, 141


 93, 128, 77

 128, 133, 153


 84, 128, 64

 128, 135, 166


 74, 128, 51

 128, 138, 179


 65, 128, 38

 128, 140, 192


 56, 128, 25

 128, 143, 205

 48, 128, 13

 128, 145, 217

 39, 128, 0

 128, 147, 230

Harmonies

Analogous

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



133, 128, 116



119, 128, 115



117, 127, 122

Triad

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



119, 128, 115



113, 121, 131



133, 122, 129

Complementary

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



119, 128, 115



115, 117, 128

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.



127, 123, 133



119, 128, 115



116, 123, 134

Square

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



119, 128, 115



113, 121, 128



121, 124, 135



136, 122, 124

Rectangle

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



119, 128, 115



118, 126, 127



121, 124, 135



131, 122, 130

Sweetspot

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



119, 128, 115



162, 166, 161



128, 115, 118



83, 84, 81



212, 212, 212



84, 84, 84

Same Dimension

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



119, 128, 115



153, 166, 146



115, 128, 118



60, 64, 57



39, 128, 0



0, 0, 0

Inverse Universe

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



115, 117, 128



146, 150, 166



118, 115, 128



57, 59, 64



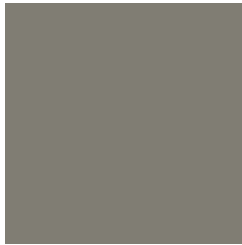
0, 24, 128



0, 0, 0

Previews

White Background



This preview shows how the RYB color 119, 128, 115 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 119, 128, 115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

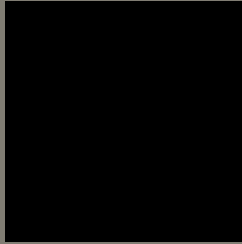
Any Text WCAG AA ✓ Pass

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 119, 128, 115 Background



This preview shows how black text looks on a background with the RYB color 119, 128, 115.



This preview shows how white text looks on a background with the RYB color 119, 128, 115.

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

[119](#), [128](#), [115](#)

Protanopia

[125](#), [130](#), [115](#)

Deuteranopia

[140](#), [122](#), [116](#)



Tritanopia

130, 122, 132

Trichromacy



Original Color
119, 128, 115

Protanomaly
123, 129, 115

Deuteranomaly
136, 125, 116

Tritanomaly
129, 123, 126

Monochromacy



Original Color
119, 128, 115

Achromatopsia
125, 125, 125

Achromatomaly
122, 126, 121

CSS Examples

Text

The CSS property to change the color of the text to RYB 119, 128, 115 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(128, 125, 115) looks like.

```
.text, #text, p{  
    color:rgb(128, 125, 115)  
}
```

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(128, 125, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 125, 115) }
```

Border

The CSS property to change the border of an element to RYB 119, 128, 115 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(128, 125, 115) }
```

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

```
.border{ border-color:rgb(128, 125, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 125, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 125, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 125, 115);  
box-shadow:4px 4px 4px 4px rgb(128, 125,  
115) }
```

Background

The CSS property to change the background color of an element to RGB 119, 128, 115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 125, 115) }
```

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

```
.background{ background-color: rgb(128,  
125, 115) }
```

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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