

Converting Colors

`RYB(109, 119, 112)`

Have a look what the booklet for
RYB(109, 119, 112) contains.

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Color

R_YB(109, 119, 112)

Conversions

Conversions Part 1

Format	Color
Hex	74776D
RGB	116, 119, 109
RGB Percent	45%, 47%, 43%
CMY	0.5451, 0.5333, 0.5725
CMYK	0.03, 0.00, 0.08, 0.53
HSL	78°, 4%, 45%
HSV	78°, 8%, 47%
XYZ	16.5596, 18.0108, 17.0716
YIQ	116.9630, 1.4220, -3.7460

Conversions

Conversions Part 2

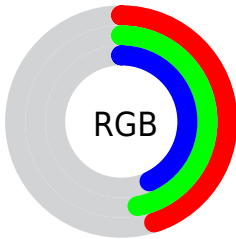
Format	Color
R_{YB}	109, 119, 112
Decimal	7632749
CIE Lab	49.51, -3.11, 5.10
CIE LCh	50, 5.974, 121.353
Yxy	18.0108, 0.3207, 0.3488
Android (android.graphics.Color)	4285822829 (0xFF74776D)
YUV	116.9630, -3.9258, -0.8446
Hunter-Lab	42.4391, -4.6183, 5.8573

Details

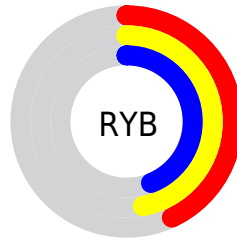
The RYB color **109, 119, 112** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **112, 109, 119**, and the grayscale version is **117, 117, 117**.

A 20% lighter version of the original color is **160, 171, 163**, and **62, 71, 65** is the 20% darker color. If you saturate the color by 10%, you get **97, 119, 104**, and if you desaturate by 10%, it is **120, 119, 121**.

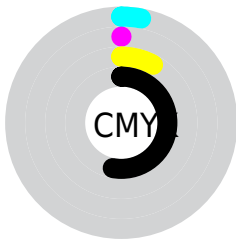
Distribution



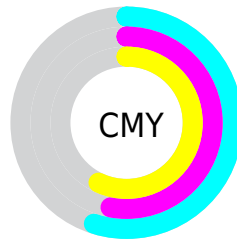
- Red (45%)
- Green (47%)
- Blue (43%)



- Red (43%)
- Yellow (47%)
- Blue (44%)



- Cyan (3%)
- Magenta (0%)
- Yellow (8%)
- Black (53%)



- Cyan (55%)
- Magenta (53%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the RYB color 109, 119, 112 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 109, 119, 112 by changing the saturation by 10% instead.

■ 109, 119, 112

255, 255, 255

■ 160, 171, 163

■ 187, 198, 190

■ 215, 226, 218

■ 244, 255, 247

■ 109, 119, 112

■ 85, 94, 88

■ 62, 71, 65

■ 40, 48, 42

■ 19, 28, 22

■ 0, 0, 0

■ 109, 119, 112

■ 97, 119, 104

■ 85, 119, 95

■ 73, 119, 87

■ 109, 119, 112

■ 120, 119, 121

■ 123, 119, 133

■ 127, 119, 145

■ 61, 119, 78

■ 130, 119, 157

■ 49, 119, 70

■ 134, 119, 168

■ 38, 119, 62

■ 137, 119, 180

■ 26, 119, 54

■ 141, 119, 192

■ 14, 119, 46

■ 145, 119, 204

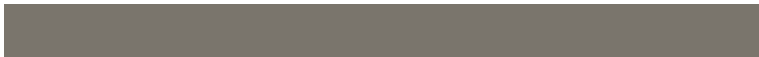
■ 2, 119, 37

■ 148, 119, 216

Harmonies

Analogous

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



116, 122, 108



109, 119, 112



110, 118, 120

Triad

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



109, 119, 112



108, 115, 126



128, 114, 118

Complementary

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



109, 119, 112



112, 109, 119

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.



125, 115, 123



109, 119, 112



113, 117, 128

Square

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



109, 119, 112



105, 113, 123



119, 116, 126



129, 115, 113

Rectangle

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



109, 119, 112



107, 116, 121



119, 116, 126



127, 114, 119

Sweetspot

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



109, 119, 112



151, 156, 153



119, 113, 109



76, 79, 77



207, 207, 207



79, 79, 79

Same Dimension

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



109, 119, 112



140, 156, 145



109, 119, 117



53, 59, 55



0, 122, 36



0, 250, 75

Inverse Universe

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



112, 109, 119



145, 140, 156



117, 109, 119



55, 53, 59



37, 0, 122



75, 0, 250

Previews

White Background



This preview shows how the RYB color 109, 119, 112 looks on a white 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

Black Background



This preview shows how the RYB color 109, 119, 112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

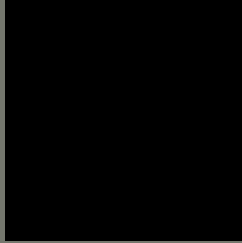
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

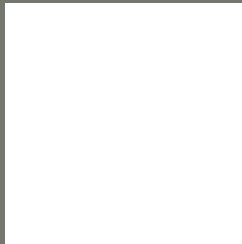
Any Text WCAG AAA × Fail

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

RYB 109, 119, 112 Background



This preview shows how black text looks on a background with the RYB color 109, 119, 112.

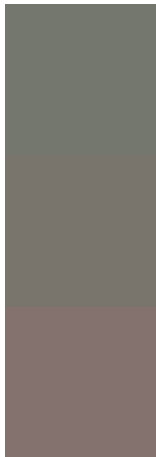


This preview shows how white text looks on a background with the RYB color 109, 119, 112.

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
[109](#), [119](#), [112](#)

Protanopia
[116](#), [122](#), [108](#)

Deuteranopia
[132](#), [115](#), [110](#)



Tritanopia
119, 117, 126

Trichromacy



Original Color

109, 119, 112

Protanomaly

110, 120, 108

Deuteranomaly

126, 120, 110

Tritanomaly

118, 118, 120

Monochromacy



Original Color

109, 119, 112

Achromatopsia

117, 117, 117

Achromatomaly

114, 118, 115

CSS Examples

Text

The CSS property to change the color of the text to RYB 109, 119, 112 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(116, 119, 109) looks like.

```
.text, #text, p{  
    color:rgb(116, 119, 109)  
}
```

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(116, 119, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 119, 109) }
```

Border

The CSS property to change the border of an element to RYB 109, 119, 112 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(116, 119, 109) }
```

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

```
.border{ border-color:rgb(116, 119, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 119, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 119, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 119, 109);  
box-shadow:4px 4px 4px 4px rgb(116, 119,  
109) }
```

Background

The CSS property to change the background color of an element to RYB 109, 119, 112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 119, 109) }
```

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

```
.background{ background-color: rgb(116,  
119, 109) }
```

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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