

Converting Colors

`RYB(109, 149, 107)`

Have a look what the booklet for
RYB(109, 149, 107) contains.

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Color

R_YB(109, 149, 107)

Conversions

Conversions Part 1

Format	Color
Hex	95936B
RGB	149, 147, 107
RGB Percent	58%, 58%, 42%
CMY	0.4157, 0.4232, 0.5804
CMYK	0.00, 0.01, 0.28, 0.42
HSL	57°, 17%, 50%
HSV	57°, 28%, 58%
XYZ	25.4961, 28.3468, 18.0376
YIQ	143.0380, 14.0320, -12.0160

Conversions

Conversions Part 2

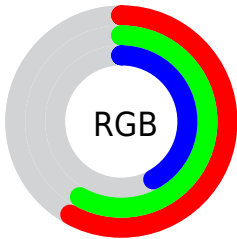
Format	Color
RYB	109, 149, 107
Decimal	9802603
CIELab	60.20, -5.99, 21.54
CIELCh	60, 22.355, 105.535
Yxy	28.3468, 0.3547, 0.3944
Android (android.graphics.Color)	4287992683 (0xFF95936B)
YUV	143.0380, -17.7667, 5.2287
Hunter-Lab	53.2417, -7.6939, 17.1825

Details

The RYB color **109, 149, 107** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **107, 109, 149**, and the grayscale version is **143, 143, 143**.

A 20% lighter version of the original color is **162, 204, 159**, and **60, 98, 59** is the 20% darker color. If you saturate the color by 10%, you get **95, 149, 92**, and if you desaturate by 10%, it is **123, 149, 122**.

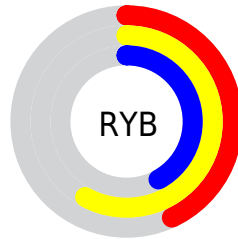
Distribution



Red (58%)

Green (58%)

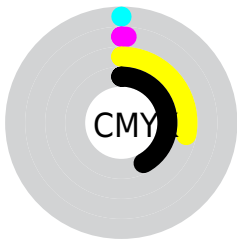
Blue (42%)



Red (43%)

Yellow (58%)

Blue (42%)

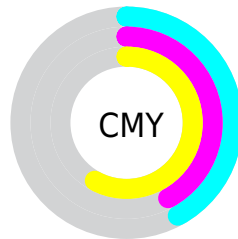


Cyan (0%)

Magenta (1%)

Yellow (28%)

Black (42%)



Cyan (42%)

Magenta (42%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RYB color 109, 149, 107 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, 149, 107 by changing the saturation by 10% instead.

 109, 149, 107

255, 255, 255

 162, 204, 159

 189, 232, 186


 213, 255, 213

 242, 255, 242

 109, 149, 107

 95, 149, 92

 109, 149, 107

 85, 123, 83

 60, 98, 59


 37, 73, 37

 16, 51, 17

 0, 29, 0

 0, 1, 1

 0, 0, 0

 109, 149, 107

 123, 149, 122

80, 149, 77

138, 149, 137

66, 149, 62

149, 149, 152

52, 149, 47

149, 150, 167

38, 149, 33

149, 150, 182

24, 149, 18

149, 151, 196

10, 149, 3

149, 152, 211

7, 149, 0

149, 153, 226

149, 153, 241

Harmonies

Analogous

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



155, 168, 107



109, 149, 107



117, 152, 142

Triad

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



109, 149, 107



90, 126, 173



178, 132, 155

Complementary

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



109, 149, 107



107, 109, 149

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.



161, 137, 173



109, 149, 107



108, 135, 183

Square

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



109, 149, 107



89, 123, 156



135, 142, 183



185, 131, 135

Rectangle

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



109, 149, 107



112, 143, 155



135, 142, 183



174, 133, 162

Sweetspot

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



109, 149, 107



179, 194, 178



149, 107, 109



88, 97, 87



224, 224, 224



97, 97, 97

Same Dimension

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



109, 149, 107



131, 194, 128



107, 149, 126



67, 74, 67



7, 138, 0



0, 10, 0

Inverse Universe

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



107, 109, 149



128, 131, 194



126, 107, 149



67, 67, 74



0, 6, 138



0, 0, 10

Previews

White Background



This preview shows how the RYB color 109, 149, 107 looks on a white background.

Color Contrast Check

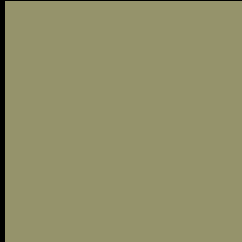
Large Text (above 18pt) WCAG AA ✓ Pass

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 109, 149, 107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

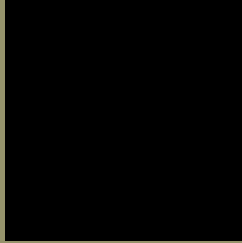
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

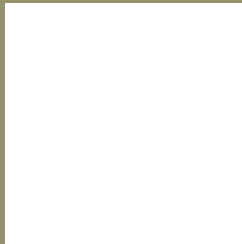
Any Text WCAG AAA × Fail

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

RYB 109, 149, 107 Background



This preview shows how black text looks on a background with the RYB color 109, 149, 107.



This preview shows how white text looks on a background with the RYB color 109, 149, 107.

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, 149, 107

Protanopia

120, 156, 106

Deuteranopia

171, 167, 109



Tritanopia

155, 141, 152

Trichromacy



Original Color

109, 149, 107

Protanomaly

114, 153, 106

Deuteranomaly

142, 163, 108

Tritanomaly

153, 148, 136

Monochromacy



Original Color

109, 149, 107

Achromatopsia

143, 143, 143

Achromatomaly

131, 145, 130

CSS Examples

Text

The CSS property to change the color of the text to RYB 109, 149, 107 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(149, 147, 107)` looks like.

```
.text, #text, p{  
    color:rgb(149, 147, 107)  
}
```

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(149, 147, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 147, 107) }
```

Border

The CSS property to change the border of an element to RYB 109, 149, 107 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(149, 147, 107) }
```

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

```
.border{ border-color:rgb(149, 147, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 147, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 147, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 147, 107);  
box-shadow:4px 4px 4px 4px rgb(149, 147,  
107) }
```

Background

The CSS property to change the background color of an element to RYB 109, 149, 107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 147, 107) }
```

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

```
.background{ background-color: rgb(149,  
147, 107) }
```

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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