

Converting Colors

`RYB(109, 144, 122)`

Have a look what the booklet for
RYB(109, 144, 122) contains.

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Color

R_YB(109, 144, 122)

Conversions

Conversions Part 1

Format	Color
Hex	83906D
RGB	131, 144, 109
RGB Percent	51%, 56%, 43%
CMY	0.4863, 0.4353, 0.5725
CMYK	0.09, 0.00, 0.24, 0.44
HSL	82°, 14%, 50%
HSV	82°, 24%, 56%
XYZ	22.0936, 25.8759, 18.2981
YIQ	136.1230, 3.4870, -13.6410

Conversions

Conversions Part 2

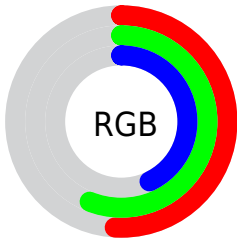
Format	Color
RYB	109, 144, 122
Decimal	8622189
CIELab	57.92, -11.19, 17.08
CIELCh	58, 20.416, 123.226
Yxy	25.8759, 0.3334, 0.3905
Android (android.graphics.Color)	4286812269 (0xFF83906D)
YUV	136.1230, -13.3716, -4.4929
Hunter-Lab	50.8684, -11.4919, 14.2804

Details

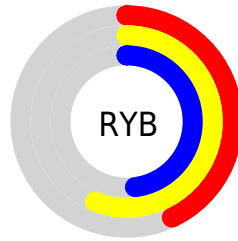
The RYB color **109, 144, 122** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **122, 109, 144**, and the grayscale version is **136, 136, 136**.

A 20% lighter version of the original color is **161, 198, 175**, and **61, 94, 74** is the 20% darker color. If you saturate the color by 10%, you get **95, 144, 113**, and if you desaturate by 10%, it is **123, 144, 131**.

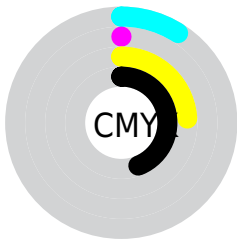
Distribution



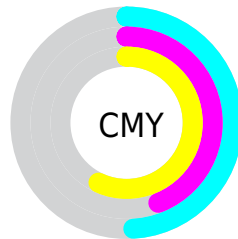
- Red (51%)
- Green (56%)
- Blue (43%)



- Red (43%)
- Yellow (56%)
- Blue (48%)



- Cyan (9%)
- Magenta (0%)
- Yellow (24%)
- Black (44%)



- Cyan (49%)
- Magenta (44%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the RYB color 109, 144, 122 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, 144, 122 by changing the saturation by 10% instead.

■ 109, 144, 122

255, 255, 255

■ 161, 198, 175

■ 188, 226, 202

■ 216, 254, 230

■ 244, 255, 244

■ 109, 144, 122

■ 95, 144, 113

■ 80, 144, 104

■ 109, 144, 122

■ 85, 118, 97

■ 61, 94, 74

■ 39, 70, 51

■ 18, 48, 30

■ 0, 27, 12

■ 0, 0, 0

■ 109, 144, 122

■ 123, 144, 131

■ 138, 144, 140

■ 66, 144, 95

■ 147, 144, 152

■ 51, 144, 85

■ 152, 144, 167

■ 37, 144, 77

■ 158, 144, 181

■ 23, 144, 68

■ 163, 144, 195

■ 8, 144, 58

■ 168, 144, 210

■ 0, 144, 53

■ 174, 144, 224

■ 179, 144, 239

Harmonies

Analogous

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



120, 151, 104



109, 144, 122



111, 139, 148

Triad

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



109, 144, 122



98, 126, 170



174, 126, 138

Complementary

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



109, 144, 122



122, 109, 144

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.



164, 129, 156



109, 144, 122



120, 135, 174

Square

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



109, 144, 122



88, 121, 158



145, 134, 169



175, 129, 120

Rectangle

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



109, 144, 122



99, 128, 149



145, 134, 169



172, 127, 144

Sweetspot

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



109, 144, 122



173, 186, 178



144, 130, 109



87, 94, 89



222, 222, 222



94, 94, 94

Same Dimension

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



109, 144, 122



132, 186, 152



109, 144, 139



64, 71, 66



0, 135, 50



0, 8, 3

Inverse Universe

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



122, 109, 144



152, 132, 186



139, 109, 144



67, 64, 71



50, 0, 135



3, 0, 8

Previews

White Background



This preview shows how the RYB color 109, 144, 122 looks on a white background.

Color Contrast Check

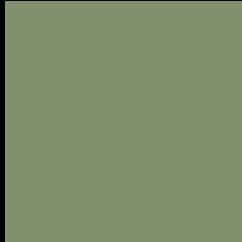
Large Text (above 18pt) WCAG AA ✓ Pass

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, 144, 122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

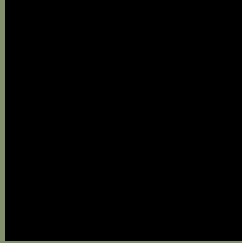
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

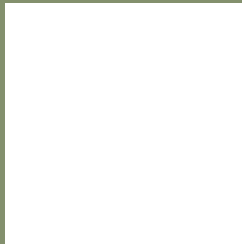
Any Text WCAG AAA × Fail

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

RYB 109, 144, 122 Background



This preview shows how black text looks on a background with the RYB color 109, 144, 122.



This preview shows how white text looks on a background with the RYB color 109, 144, 122.

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, 144, 122

Protanopia

119, 148, 107

Deuteranopia

162, 150, 111



Tritanopia
137, 139, 150

Trichromacy



Original Color

109, 144, 122

Protanomaly

109, 142, 108

Deuteranomaly

131, 151, 110

Tritanomaly

135, 141, 141

Monochromacy



Original Color

109, 144, 122

Achromatopsia

136, 136, 136

Achromatomaly

126, 139, 131

CSS Examples

Text

The CSS property to change the color of the text to RYB 109, 144, 122 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(131, 144, 109)` looks like.

```
.text, #text, p{  
    color:rgb(131, 144, 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(131, 144, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 144, 109) }
```

Border

The CSS property to change the border of an element to RYB 109, 144, 122 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(131, 144, 109) }
```

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

```
.border{ border-color:rgb(131, 144, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 144, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 144, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 144, 109);  
box-shadow:4px 4px 4px 4px rgb(131, 144,  
109) }
```

Background

The CSS property to change the background color of an element to RYB 109, 144, 122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 144, 109) }
```

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

```
.background{ background-color: rgb(131,  
144, 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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