

Converting Colors

`RYB(109, 152, 127)`

Have a look what the booklet for
RYB(109, 152, 127) contains.

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Color

R_YB(109, 152, 127)

Conversions

Conversions Part 1

Format	Color
Hex	86986D
RGB	134, 152, 109
RGB Percent	53%, 60%, 43%
CMY	0.4745, 0.4039, 0.5725
CMYK	0.12, 0.00, 0.28, 0.40
HSL	85°, 17%, 51%
HSV	85°, 28%, 60%
XYZ	23.8201, 28.6289, 18.7385
YIQ	141.7160, 3.0750, -17.1890

Conversions

Conversions Part 2

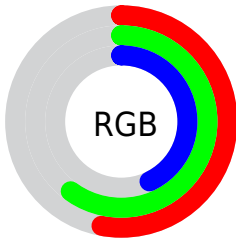
Format	Color
RYB	109, 152, 127
Decimal	8820845
CIELab	60.45, -14.30, 20.57
CIELCh	60, 25.051, 124.809
Yxy	28.6289, 0.3346, 0.4022
Android (android.graphics.Color)	4287010925 (0xFF86986D)
YUV	141.7160, -16.1290, -6.7669
Hunter-Lab	53.5060, -14.1700, 16.6901

Details

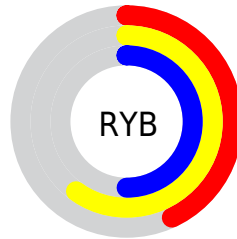
The RYB color **109, 152, 127** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **127, 109, 152**, and the grayscale version is **142, 142, 142**.

A 20% lighter version of the original color is **161, 206, 179**, and **61, 101, 78** is the 20% darker color. If you saturate the color by 10%, you get **94, 152, 118**, and if you desaturate by 10%, it is **124, 152, 136**.

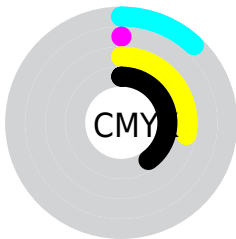
Distribution



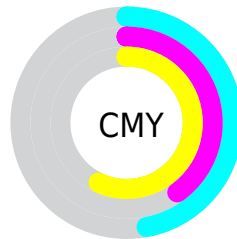
- Red (53%)
- Green (60%)
- Blue (43%)



- Red (43%)
- Yellow (60%)
- Blue (50%)



- Cyan (12%)
- Magenta (0%)
- Yellow (28%)
- Black (40%)



- Cyan (47%)
- Magenta (40%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the RYB color 109, 152, 127 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, 152, 127 by changing the saturation by 10% instead.

 109, 152, 127

255, 255, 255


 161, 206, 179


 188, 235, 208


 216, 255, 227


 244, 255, 244

 109, 152, 127

 94, 152, 118

 109, 152, 127

 84, 126, 102

 61, 101, 78

 39, 77, 56


 17, 54, 33

 0, 33, 15

 0, 3, 3

 0, 0, 0

 109, 152, 127

 124, 152, 136

■ 79, 152, 110

■ 139, 152, 144

■ 63, 152, 100

■ 153, 152, 155

■ 48, 152, 91

■ 159, 152, 170

■ 33, 152, 83

■ 166, 152, 185

■ 18, 152, 74

■ 172, 152, 200

■ 3, 152, 66

■ 179, 152, 215

■ 0, 152, 64

■ 185, 152, 231

■ 191, 152, 246

Harmonies

Analogous

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



119, 158, 102



109, 152, 127



108, 143, 156

Triad

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



109, 152, 127



93, 129, 185



189, 129, 143

Complementary

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



109, 152, 127



127, 109, 152

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.



177, 132, 165



109, 152, 127



123, 141, 189

Square

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



109, 152, 127



77, 120, 170



154, 139, 182



189, 134, 122

Rectangle

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



109, 152, 127



93, 130, 158



154, 139, 182



186, 130, 151

Sweetspot

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



109, 152, 127



181, 196, 187



152, 140, 109



90, 99, 94



227, 227, 227



99, 99, 99

Same Dimension

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



109, 152, 127



130, 196, 158



109, 152, 148



69, 77, 73



0, 140, 58



0, 13, 6

Inverse Universe

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



127, 109, 152



158, 130, 196



148, 109, 152



72, 69, 77



59, 0, 140



5, 0, 13

Previews

White Background



This preview shows how the RYB color 109, 152, 127 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, 152, 127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

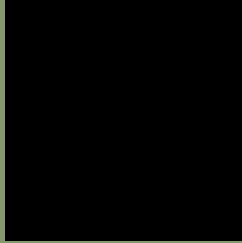
Any Text WCAG AA ✓ Pass

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](#).

R Y B 109, 152, 127 Background



This preview shows how black text looks on a background with the R Y B color 109, 152, 127.

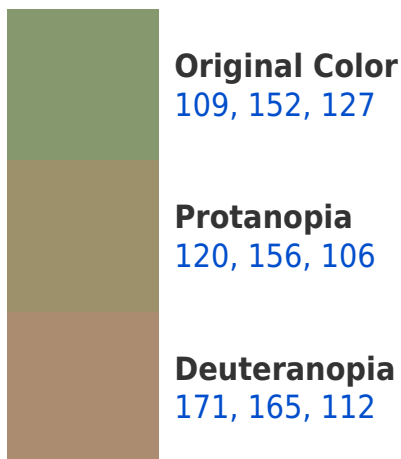


This preview shows how white text looks on a background with the R Y B color 109, 152, 127.

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





Tritanopia

141, 145, 157

Trichromacy



Original Color
109, 152, 127

Protanomaly
107, 148, 107

Deuteranomaly
131, 158, 111

Tritanomaly
138, 146, 148

Monochromacy



Original Color
109, 152, 127

Achromatopsia
142, 142, 142

Achromatomaly
130, 146, 137

CSS Examples

Text

The CSS property to change the color of the text to RYB 109, 152, 127 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(134, 152, 109)` looks like.

```
.text, #text, p{  
    color:rgb(134, 152, 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(134, 152, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 152, 109) }
```

Border

The CSS property to change the border of an element to RYB 109, 152, 127 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(134, 152, 109) }
```

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

```
.border{ border-color:rgb(134, 152, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 152, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 152, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 152, 109);  
box-shadow:4px 4px 4px 4px rgb(134, 152,  
109) }
```

Background

The CSS property to change the background color of an element to RYB 109, 152, 127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 152, 109) }
```

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

```
.background{ background-color: rgb(134,  
152, 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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