

Converting Colors

`RYB(108, 161, 111)`

Have a look what the booklet for
RYB(108, 161, 111) contains.

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Color

R_YB(108, 161, 111)

Conversions

Conversions Part 1

Format	Color
Hex	9EA16C
RGB	158, 161, 108
RGB Percent	62%, 63%, 42%
CMY	0.3804, 0.3686, 0.5765
CMYK	0.02, 0.00, 0.33, 0.37
HSL	63°, 22%, 53%
HSV	63°, 33%, 63%
XYZ	29.5522, 33.8415, 19.1619
YIQ	154.0610, 15.2250, -17.1190

Conversions

Conversions Part 2

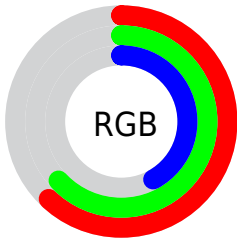
Format	Color
RYB	108, 161, 111
Decimal	10396012
CIELab	64.84, -9.70, 27.29
CIELCh	65, 28.968, 109.571
Yxy	33.8415, 0.3580, 0.4099
Android (android.graphics.Color)	4288586092 (0xFF9EA16C)
YUV	154.0610, -22.7081, 3.4545
Hunter-Lab	58.1735, -11.1254, 21.1918

Details

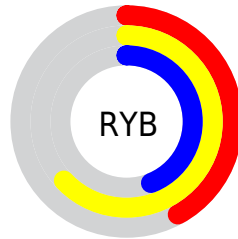
The RYB color **108, 161, 111** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **111, 108, 161**, and the grayscale version is **154, 154, 154**.

A 20% lighter version of the original color is **160, 216, 163**, and **60, 110, 64** is the 20% darker color. If you saturate the color by 10%, you get **92, 161, 96**, and if you desaturate by 10%, it is **124, 161, 126**.

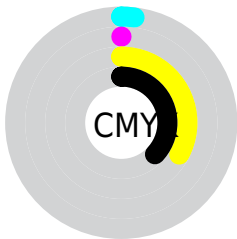
Distribution



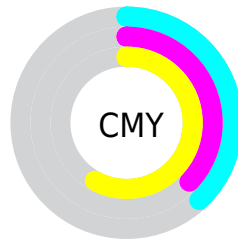
- Red (62%)
- Green (63%)
- Blue (42%)



- Red (42%)
- Yellow (63%)
- Blue (44%)



- Cyan (2%)
- Magenta (0%)
- Yellow (33%)
- Black (37%)



- Cyan (38%)
- Magenta (37%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RYB color 108, 161, 111 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 108, 161, 111 by changing the saturation by 10% instead.

 108, 161, 111

255, 255, 255

 160, 216, 163

 187, 244, 189


 215, 255, 215


 244, 255, 244

 108, 161, 111

 92, 161, 96

 108, 161, 111

 83, 135, 87

 60, 110, 64


 37, 85, 41


 14, 62, 19

 0, 40, 5

 0, 21, 19

 0, 0, 0

 108, 161, 111

 124, 161, 126

■ 76, 161, 81

■ 140, 161, 141

■ 60, 161, 66

■ 156, 161, 156

■ 44, 161, 51

■ 162, 161, 172

■ 28, 161, 36

■ 163, 161, 188

■ 11, 161, 19

■ 163, 161, 205

■ 0, 161, 9

■ 164, 161, 221

■ 165, 161, 237

■ 166, 161, 253

Harmonies

Analogous

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



159, 184, 107



108, 161, 111



123, 167, 162

Triad

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



108, 161, 111



78, 129, 196



203, 139, 167

Complementary

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



108, 161, 111



111, 108, 161

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.



181, 145, 191



108, 161, 111



110, 144, 208

Square

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



108, 161, 111



75, 124, 174



148, 153, 206



209, 139, 141

Rectangle

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



108, 161, 111



108, 150, 170



148, 153, 206



197, 140, 176

Sweetspot

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



108, 161, 111



188, 209, 189



161, 111, 108



92, 105, 93



232, 232, 232



105, 105, 105

Same Dimension

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



108, 161, 111



125, 209, 130



108, 161, 137



73, 82, 74



0, 145, 8



0, 18, 1

Inverse Universe

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



111, 108, 161



130, 125, 209



137, 108, 161



74, 73, 82



8, 0, 145



1, 0, 18

Previews

White Background



This preview shows how the RYB color 108, 161, 111 looks on a white background.

Color Contrast Check

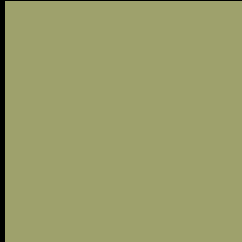
Large Text (above 18pt) WCAG AA × Fail

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 108, 161, 111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

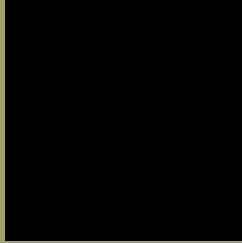
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

RYP 108, 161, 111 Background



This preview shows how black text looks on a background with the RYB color 108, 161, 111.



This preview shows how white text looks on a background with the RYB color 108, 161, 111.

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
108, 161, 111

Protanopia
122, 170, 106

Deuteranopia
181, 187, 110



Tritanopia
165, 154, 166

Trichromacy



Original Color
108, 161, 111

Protanomaly
116, 166, 107

Deuteranomaly
142, 176, 109

Tritanomaly
152, 162, 145

Monochromacy



Original Color
108, 161, 111

Achromatopsia
154, 154, 154

Achromatomaly
137, 157, 139

CSS Examples

Text

The CSS property to change the color of the text to RYB 108, 161, 111 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(158, 161, 108)` looks like.

```
.text, #text, p{  
    color:rgb(158, 161, 108)  
}
```

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(158, 161, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 161, 108) }
```

Border

The CSS property to change the border of an element to RYB 108, 161, 111 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(158, 161, 108) }
```

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

```
.border{ border-color:rgb(158, 161, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 161, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 161, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 161, 108);  
box-shadow:4px 4px 4px 4px rgb(158, 161,  
108) }
```

Background

The CSS property to change the background color of an element to RYB 108, 161, 111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 161, 108) }
```

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

```
.background{ background-color: rgb(158,  
161, 108) }
```

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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