

Converting Colors

`RYB(111, 161, 108)`

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

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Color

R_YB(111, 161, 108)

Conversions

Conversions Part 1

Format	Color
Hex	A19E6C
RGB	161, 158, 108
RGB Percent	63%, 62%, 42%
CMY	0.3686, 0.3798, 0.5765
CMYK	0.00, 0.02, 0.33, 0.37
HSL	57°, 22%, 53%
HSV	57°, 33%, 63%
XYZ	29.6590, 33.1684, 19.0263
YIQ	153.1970, 17.8380, -14.9140

Conversions

Conversions Part 2

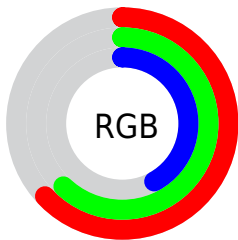
Format	Color
RYB	111, 161, 108
Decimal	10591852
CIELab	64.30, -6.97, 26.63
CIELCh	64, 27.527, 104.668
Yxy	33.1684, 0.3623, 0.4052
Android (android.graphics.Color)	4288781932 (0xFFA19E6C)
YUV	153.1970, -22.2821, 6.8432
Hunter-Lab	57.5920, -8.8611, 20.7271

Details

The RYB color **111, 161, 108** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **108, 111, 161**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **163, 216, 160**, and **61, 108, 60** is the 20% darker color. If you saturate the color by 10%, you get **96, 161, 92**, and if you desaturate by 10%, it is **126, 161, 124**.

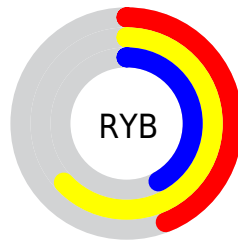
Distribution



Red (63%)

Green (62%)

Blue (42%)



Red (44%)

Yellow (63%)

Blue (42%)

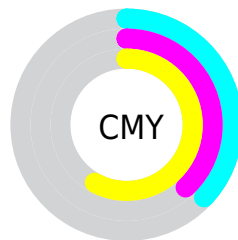


Cyan (0%)

Magenta (2%)

Yellow (33%)

Black (37%)



Cyan (37%)


Magenta (38%)

Yellow (58%)

Brightness & Saturation Gradients

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

 111, 161, 108


255, 255, 255

 163, 216, 160


 191, 245, 187


 215, 255, 215


 243, 255, 243

 111, 161, 108

 96, 161, 92

 111, 161, 108


 85, 134, 83

 61, 108, 60


 38, 84, 37


 15, 60, 16

 0, 38, 0

 0, 18, 12

 0, 0, 0

 111, 161, 108

 126, 161, 124

■ 81, 161, 76

■ 141, 161, 140

■ 65, 161, 60

■ 156, 161, 156

■ 50, 161, 44

■ 161, 162, 172

■ 35, 161, 28

■ 161, 162, 188

■ 19, 161, 11

■ 161, 163, 205

■ 10, 161, 0

■ 161, 164, 221

■ 161, 165, 237

■ 161, 166, 253

Harmonies

Analogous

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



174, 185, 109



111, 161, 108



120, 165, 152

Triad

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



111, 161, 108



81, 129, 190



197, 139, 170

Complementary

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



111, 161, 108



108, 111, 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.



174, 145, 191



111, 161, 108



106, 142, 203

Square

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



111, 161, 108



82, 126, 169



142, 152, 203



205, 138, 145

Rectangle

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



111, 161, 108



114, 153, 168



142, 152, 203



191, 141, 177

Sweetspot

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



111, 161, 108



189, 209, 188



161, 108, 112



93, 105, 92



232, 232, 232



105, 105, 105

Same Dimension

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



111, 161, 108



129, 209, 125



108, 161, 131



74, 82, 73



7, 145, 0



1, 18, 0

Inverse Universe

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



108, 111, 161



125, 130, 209



131, 108, 161



73, 74, 82



0, 8, 145



0, 1, 18

Previews

White Background



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

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

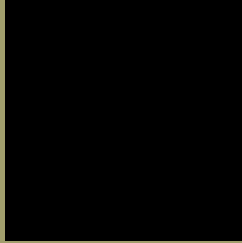
Any Text WCAG AA ✓ Pass

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](#).

R Y B 111, 161, 108 Background



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



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

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
111, 161, 108

Protanopia
123, 169, 107

Deuteranopia
179, 185, 110



Tritanopia
168, 151, 163

Trichromacy



Original Color

111, 161, 108

Protanomaly

118, 166, 107

Deuteranomaly

146, 176, 109

Tritanomaly

165, 165, 143

Monochromacy



Original Color

111, 161, 108

Achromatopsia

153, 153, 153

Achromatomaly

138, 156, 137

CSS Examples

Text

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

```
.text, #text, p{  
    color:rgb(161, 158, 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(161, 158, 108) colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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