

Converting Colors

`RYB(111, 164, 156)`

Have a look what the booklet for
RYB(111, 164, 156) contains.

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Color

$\text{RYB}(111, 164, 156)$

Conversions

Conversions Part 1

Format	Color
Hex	77A46F
RGB	119, 164, 111
RGB Percent	47%, 64%, 44%
CMY	0.5333, 0.3569, 0.5647
CMYK	0.27, 0.00, 0.32, 0.36
HSL	111°, 23%, 54%
HSV	111°, 32%, 64%
XYZ	23.7525, 31.6206, 19.8904
YIQ	144.5030, -9.8070, -26.0230

Conversions

Conversions Part 2

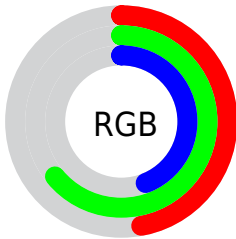
Format	Color
RYB	111, 164, 156
Decimal	7840879
CIELab	63.03, -25.70, 22.77
CIELCh	63, 34.338, 138.453
Yxy	31.6206, 0.3156, 0.4201
Android (android.graphics.Color)	4286030959 (0xFF77A46F)
YUV	144.5030, -16.5170, -22.3661
Hunter-Lab	56.2322, -23.0079, 18.3905

Details

The RYB color **111, 164, 156** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **156, 111, 164**, and the grayscale version is **145, 145, 145**.

A 20% lighter version of the original color is **163, 219, 210**, and **63, 112, 106** is the 20% darker color. If you saturate the color by 10%, you get **95, 164, 154**, and if you desaturate by 10%, it is **127, 164, 158**.

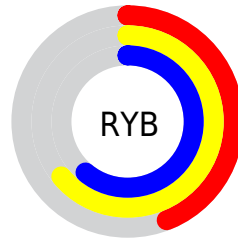
Distribution



Red (47%)

Green (64%)

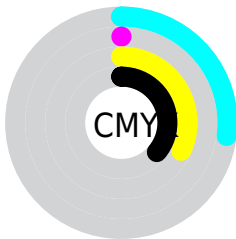
Blue (44%)



Red (44%)

Yellow (64%)

Blue (61%)

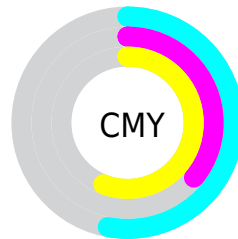


Cyan (27%)

Magenta (0%)

Yellow (32%)

Black (36%)



Cyan (53%)

Magenta (36%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RYB color 111, 164, 156 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, 164, 156 by changing the saturation by 10% instead.

 111, 164, 156

255, 255, 255


 163, 219, 210


 190, 248, 238


 218, 255, 245

 247, 255, 247

 111, 164, 156

 86, 138, 131

 63, 112, 106


 40, 87, 83


 18, 64, 62


 0, 41, 41

 0, 19, 19


 0, 0, 0


 111, 164, 156


 95, 164, 154


 111, 164, 156


 127, 164, 158

 78, 164, 151


 144, 164, 161

 62, 164, 149


 160, 164, 163


 45, 164, 146

 175, 164, 177

 29, 164, 144


 189, 164, 193

 13, 164, 142

 203, 164, 209

 0, 164, 139

 216, 164, 226

 230, 164, 242

 244, 164, 255

Harmonies

Analogous

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



94, 157, 97



111, 164, 156



80, 133, 168

Triad

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



111, 164, 156



88, 133, 212



212, 129, 135

Complementary

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



111, 164, 156



156, 111, 164

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.



204, 130, 166



111, 164, 156



139, 148, 210

Square

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



111, 164, 156



35, 107, 197



179, 138, 193



204, 148, 108

Rectangle

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



111, 164, 156



51, 112, 169



179, 138, 193



212, 129, 145

Sweetspot

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



111, 164, 156



193, 214, 211



122, 164, 111



94, 107, 105



235, 235, 235



107, 107, 107

Same Dimension

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



111, 164, 156



131, 214, 202



111, 151, 164



73, 82, 80



0, 145, 123



0, 18, 15

Inverse Universe

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



156, 111, 164



202, 131, 214



164, 111, 146



80, 73, 82



123, 0, 145



15, 0, 18

Previews

White Background



This preview shows how the RYB color 111, 164, 156 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, 164, 156 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](#).

RYB 111, 164, 156 Background



This preview shows how black text looks on a background with the RYB color 111, 164, 156.



This preview shows how white text looks on a background with the RYB color 111, 164, 156.

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, 164, 156

Protanopia
121, 164, 106

Deuteranopia
179, 175, 115



Tritanopia
129, 145, 169

Trichromacy



Original Color

111, 164, 156

Protanomaly

108, 156, 116

Deuteranomaly

118, 157, 114

Tritanomaly

125, 146, 160

Monochromacy



Original Color

111, 164, 156

Achromatopsia

145, 145, 145

Achromatomaly

133, 152, 149

CSS Examples

Text

The CSS property to change the color of the text to RYB 111, 164, 156 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(119, 164, 111)` looks like.

```
.text, #text, p{  
    color:rgb(119, 164, 111)  
}
```

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(119, 164, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 164, 111) }
```

Border

The CSS property to change the border of an element to RYB 111, 164, 156 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(119, 164, 111) }
```

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

```
.border{ border-color:rgb(119, 164, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 164, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 164, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 164, 111);  
box-shadow:4px 4px 4px 4px rgb(119, 164,  
111) }
```

Background

The CSS property to change the background color of an element to RYB 111, 164, 156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 164, 111) }
```

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

```
.background{ background-color: rgb(119,  
164, 111) }
```

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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