

Converting Colors

`RYB(108, 160, 144)`

Have a look what the booklet for
RYB(108, 160, 144) contains.

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Color

R_YB(108, 160, 144)

Conversions

Conversions Part 1

Format	Color
Hex	7CA06C
RGB	124, 160, 108
RGB Percent	49%, 63%, 42%
CMY	0.5137, 0.3725, 0.5765
CMYK	0.22, 0.00, 0.32, 0.37
HSL	102°, 21%, 53%
HSV	102°, 32%, 63%
XYZ	23.5898, 30.5094, 18.8330
YIQ	143.3080, -4.7640, -23.8040

Conversions

Conversions Part 2

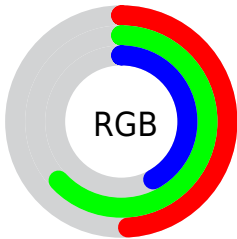
Format	Color
RYB	108, 160, 144
Decimal	8167532
CIELab	62.09, -22.38, 23.21
CIElCh	62, 32.241, 133.964
Yxy	30.5094, 0.3234, 0.4183
Android (android.graphics.Color)	4286357612 (0xFF7CA06C)
YUV	143.3080, -17.4068, -16.9331
Hunter-Lab	55.2353, -20.4285, 18.4493

Details

The RYB color **108, 160, 144** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **144, 108, 160**, and the grayscale version is **143, 143, 143**.

A 20% lighter version of the original color is **160, 215, 198**, and **60, 108, 94** is the 20% darker color. If you saturate the color by 10%, you get **92, 160, 139**, and if you desaturate by 10%, it is **124, 160, 149**.

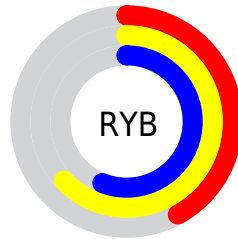
Distribution



Red (49%)

Green (63%)

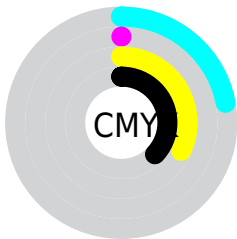
Blue (42%)



Red (42%)

Yellow (63%)

Blue (56%)

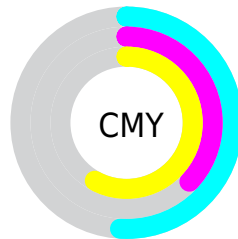


Cyan (22%)

Magenta (0%)

Yellow (32%)

Black (37%)



Cyan (51%)

Magenta (37%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RYB color 108, 160, 144 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, 160, 144 by changing the saturation by 10% instead.

■ 108, 160, 144

255, 255, 255

■ 160, 215, 198

■ 187, 243, 225

■ 215, 255, 236

■ 243, 255, 243

■ 108, 160, 144

■ 92, 160, 139

■ 108, 160, 144

■ 83, 134, 119

■ 60, 108, 94

■ 37, 84, 71

■ 16, 60, 50


■ 0, 38, 32


■ 0, 14, 14


■ 0, 0, 0


■ 108, 160, 144


■ 124, 160, 149

 76, 160, 134


 140, 160, 154

 60, 160, 129


 156, 160, 159


 44, 160, 124

 168, 160, 172


 28, 160, 119

 179, 160, 188

 12, 160, 114

 190, 160, 204

 0, 160, 111

 202, 160, 220

 213, 160, 236

 224, 160, 252

Harmonies

Analogous

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



97, 156, 94



108, 160, 144



89, 136, 164

Triad

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



108, 160, 144



85, 130, 204



206, 128, 138

Complementary

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



108, 160, 144



144, 108, 160

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.



196, 130, 167



108, 160, 144



131, 145, 205

Square

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



108, 160, 144



45, 110, 189



170, 138, 191



201, 141, 112

Rectangle

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



108, 160, 144



65, 119, 166



170, 138, 191



205, 128, 147

Sweetspot

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



108, 160, 144



188, 209, 202



131, 160, 108



92, 105, 101



232, 232, 232



105, 105, 105

Same Dimension

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



108, 160, 144



128, 209, 184



108, 152, 160



71, 79, 76



0, 143, 99



0, 15, 10

Inverse Universe

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



144, 108, 160



184, 128, 209



160, 108, 150



77, 71, 79



99, 0, 143



11, 0, 15

Previews

White Background



This preview shows how the RYB color 108, 160, 144 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, 160, 144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

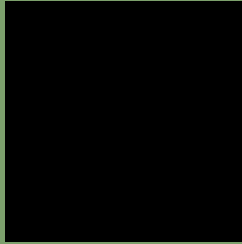
Any Text WCAG AA ✓ Pass

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 108, 160, 144 Background



This preview shows how black text looks on a background with the RYB color 108, 160, 144.



This preview shows how white text looks on a background with the RYB color 108, 160, 144.

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, 160, 144

Protanopia
119, 162, 104

Deuteranopia
177, 171, 112



Tritanopia
133, 145, 165

Trichromacy



Original Color

108, 160, 144

Protanomaly

105, 154, 111

Deuteranomaly

122, 158, 111

Tritanomaly

130, 147, 156

Monochromacy



Original Color

108, 160, 144

Achromatopsia

143, 143, 143

Achromatomaly

130, 149, 143

CSS Examples

Text

The CSS property to change the color of the text to RYB 108, 160, 144 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(124, 160, 108)` looks like.

```
.text, #text, p{  
    color:rgb(124, 160, 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(124, 160, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 160, 108) }
```

Border

The CSS property to change the border of an element to RYB 108, 160, 144 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(124, 160, 108) }
```

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

```
.border{ border-color:rgb(124, 160, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 160, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 160, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 160, 108);  
box-shadow:4px 4px 4px 4px rgb(124, 160,  
108) }
```

Background

The CSS property to change the background color of an element to RYB 108, 160, 144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 160, 108) }
```

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

```
.background{ background-color: rgb(124,  
160, 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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