

Converting Colors

`RYB(96, 140, 140)`

Have a look what the booklet for
RYB(96, 140, 140) contains.

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Color

`RYB(96, 140, 140)`

Conversions

Conversions Part 1

| Format | Color |
|---------------|------------------------------|
| Hex | 608C60 |
| RGB | 96, 140, 96 |
| RGB Percent | 38%, 55%, 38% |
| CMY | 0.6235, 0.4510, 0.6235 |
| CMYK | 0.31, 0.00, 0.31, 0.45 |
| HSL | 120°, 19%, 46% |
| HSV | 120°, 31%, 55% |
| XYZ | 16.3133, 22.0875, 14.4698 |
| YIQ | 121.8280, -12.1000, -23.0120 |

Conversions

Conversions Part 2

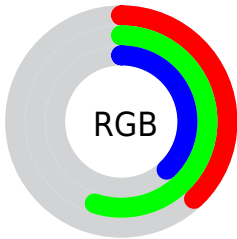
| Format | Color |
|-------------------------------------|---------------------------------|
| R _{YB} | 96, 140, 140 |
| Decimal | 6327392 |
| CIE Lab | 54.12, -24.37, 18.83 |
| CIE LCh | 54, 30.802, 142.305 |
| Yxy | 22.0875, 0.3086, 0.4178 |
| Android (android.graphics.Color) | 4284517472 (0xFF608C60) |
| YUV | 121.8280, -12.7332, -22.6512 |
| Hunter-Lab | 46.9973, -20.2861, 14.6435 |

Details

The RYB color **96, 140, 140** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **140, 96, 140**, and the grayscale version is **122, 122, 122**.

A 20% lighter version of the original color is **147, 194, 193**, and **47, 88, 90** is the 20% darker color. If you saturate the color by 10%, you get **82, 140, 140**, and if you desaturate by 10%, it is **110, 140, 140**.

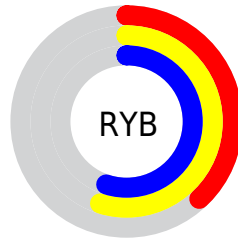
Distribution



Red (38%)

Green (55%)

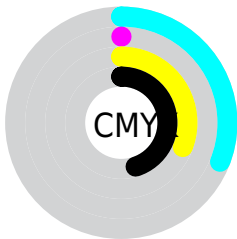
Blue (38%)



Red (38%)

Yellow (55%)

Blue (55%)

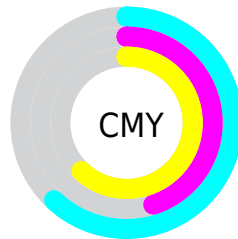


Cyan (31%)

Magenta (0%)

Yellow (31%)

Black (45%)



Cyan (62%)

Magenta (45%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the RYB color 96, 140, 140 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 96, 140, 140 by changing the saturation by 10% instead.



96, 140, 140



96, 140, 140

255, 255, 255



71, 113, 114



147, 194, 193



47, 88, 90



174, 222, 221



23, 62, 66



201, 251, 249



0, 40, 43



229, 255, 253



0, 23, 23



0, 0, 0



96, 140, 140



96, 140, 140



82, 140, 140




110, 140, 140




68, 140, 140




124, 140, 140


 54, 140, 140


 138, 140, 140


 40, 140, 140

 152, 140, 152


 26, 140, 140

 166, 140, 166


 12, 140, 140

 180, 140, 180

 0, 140, 140

 194, 140, 194

 208, 140, 208

 222, 140, 222

Harmonies

Analogous

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



79, 134, 86



96, 140, 140



61, 108, 143

Triad

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



96, 140, 140



79, 115, 182



181, 110, 111

Complementary

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



96, 140, 140



140, 96, 140

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.



176, 109, 137



96, 140, 140



123, 125, 178

Square

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



96, 140, 140



30, 92, 171



156, 115, 162



172, 130, 88

Rectangle

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



96, 140, 140



35, 91, 144



156, 115, 162



181, 109, 119

Sweetspot

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



96, 140, 140



165, 181, 181



96, 140, 96



82, 92, 92



219, 219, 219



92, 92, 92

Same Dimension

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



96, 140, 140



112, 181, 181



96, 125, 140



62, 69, 69



0, 133, 133



0, 5, 5

Inverse Universe

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



140, 96, 140



181, 112, 181



140, 96, 118



69, 62, 69



133, 0, 133



5, 0, 5

Previews

White Background



This preview shows how the RYB color 96, 140, 140 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 96, 140, 140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

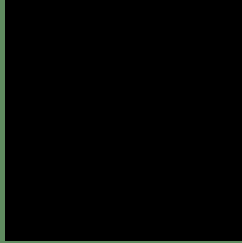
Any Text WCAG AA ✓ Pass

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 96, 140, 140 Background



This preview shows how black text looks on a background with the R Y B color 96, 140, 140.



This preview shows how white text looks on a background with the R Y B color 96, 140, 140.

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

96, 140, 140

Protanopia

104, 139, 91

Deuteranopia

151, 145, 100



Tritanopia

105, 122, 145

Trichromacy



Original Color

96, 140, 140

Protanomaly

93, 133, 103

Deuteranomaly

100, 131, 99

Tritanomaly

102, 122, 136

Monochromacy



Original Color

96, 140, 140

Achromatopsia

122, 122, 122

Achromatomaly

113, 129, 129

CSS Examples

Text

The CSS property to change the color of the text to RYB 96, 140, 140 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(96, 140, 96)` looks like.

```
.text, #text, p{  
    color:rgb(96, 140, 96)  
}
```

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(96, 140, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 140, 96) }
```

Border

The CSS property to change the border of an element to RYB 96, 140, 140 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(96, 140, 96) }
```

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

```
.border{ border-color:rgb(96, 140, 96) }
```

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

Here you see how a box with a 4 pixel rgb(96, 140, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 140, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 140, 96);  
box-shadow:4px 4px 4px 4px rgb(96, 140,  
96) }
```

Background

The CSS property to change the background color of an element to RGB 96, 140, 96 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 140, 96) }
```

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

```
.background{ background-color: rgb(96, 140,  
96) }
```

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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