

Converting Colors

`RYB(115, 160, 160)`

Have a look what the booklet for
RYB(115, 160, 160) contains.

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Color

`RYB(115, 160, 160)`

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 73A073 |
| RGB | 115, 160, 115 |
| RGB Percent | 45%, 63%, 45% |
| CMY | 0.5490, 0.3725, 0.5490 |
| CMYK | 0.28, 0.00, 0.28, 0.37 |
| HSL | 120°, 19%, 54% |
| HSV | 120°, 28%, 63% |
| XYZ | 22.7355, 30.0243, 20.8166 |
| YIQ | 141.4150, -12.3750, -23.5350 |

Conversions

Conversions Part 2

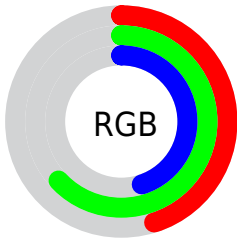
| Format | Color |
|-------------------------------------|--|
| RYB | 115, 160, 160 |
| Decimal | 7577715 |
| CIELab | 61.68, -24.43, 18.71 |
| CIELCh | 62, 30.768, 142.555 |
| Yxy | 30.0243, 0.3090, 0.4081 |
| Android (android.graphics.Color) | 4285767795 (0xFF73A073) |
| YUV | 141.4150, -13.0226, -23.1660 |
| Hunter-Lab | 54.7944, -21.8261, 15.8315 |

Details

The RYB color **115, 160, 160** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **160, 115, 160**, and the grayscale version is **142, 142, 142**.

A 20% lighter version of the original color is **167, 215, 214**, and **65, 106, 108** is the 20% darker color. If you saturate the color by 10%, you get **99, 160, 160**, and if you desaturate by 10%, it is **131, 160, 160**.

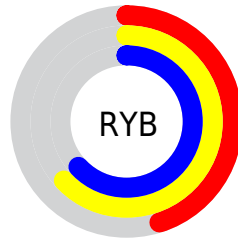
Distribution



Red (45%)

Green (63%)

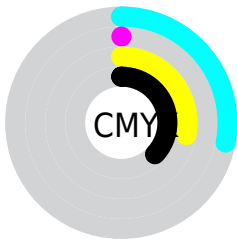
Blue (45%)



Red (45%)

Yellow (63%)

Blue (63%)

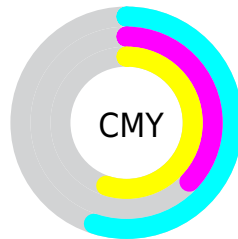


Cyan (28%)

Magenta (0%)

Yellow (28%)

Black (37%)



Cyan (55%)

Magenta (37%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RYB color 115, 160, 160 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 115, 160, 160 by changing the saturation by 10% instead.

 115, 160, 160

255, 255, 255


 167, 215, 214


 194, 243, 241


 222, 255, 253

 251, 255, 253


 115, 160, 160


 90, 134, 134

 65, 106, 108

 41, 81, 84


 16, 54, 60

 0, 38, 38


 0, 11, 11


 0, 0, 0

 115, 160, 160


 99, 160, 160


 115, 160, 160


 131, 160, 160

 83, 160, 160


 147, 160, 160

 67, 160, 160


 163, 160, 163


 51, 160, 160

 179, 160, 179

 35, 160, 160

 195, 160, 195

 19, 160, 160

 211, 160, 211

 3, 160, 160

 227, 160, 227

 0, 160, 160

 243, 160, 243

 255, 160, 255

Harmonies

Analogous

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



98, 154, 106



115, 160, 160



82, 129, 163

Triad

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



115, 160, 160



101, 136, 202



203, 129, 129

Complementary

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



115, 160, 160



160, 115, 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.



198, 129, 157



115, 160, 160



143, 144, 199

Square

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



115, 160, 160



61, 117, 191



177, 135, 182



194, 151, 107

Rectangle

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



115, 160, 160



61, 114, 164



177, 135, 182



203, 128, 138

Sweetspot

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



115, 160, 160



192, 209, 209



115, 160, 115



94, 105, 105



232, 232, 232



105, 105, 105

Same Dimension

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



115, 160, 160



138, 209, 209



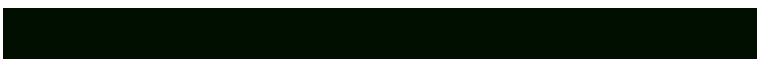
115, 145, 160



71, 79, 79



0, 143, 143



0, 15, 15

Inverse Universe

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



160, 115, 160



209, 138, 209



160, 115, 138



79, 71, 79



143, 0, 143



15, 0, 15

Previews

White Background



This preview shows how the RYB color 115, 160, 160 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 115, 160, 160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

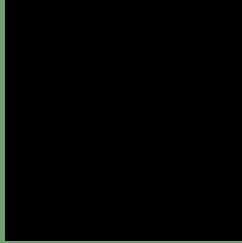
Any Text WCAG AA ✓ Pass

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 115, 160, 160 Background



This preview shows how black text looks on a background with the RYB color 115, 160, 160.

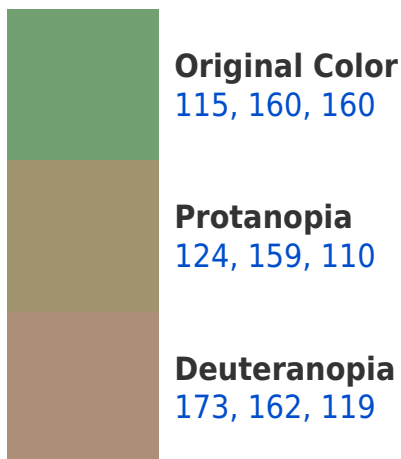



This preview shows how white text looks on a background with the RYB color 115, 160, 160.

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





Tritanopia
124, 141, 166

Trichromacy



Original Color

115, 160, 160

Protanomaly

112, 152, 121

Deuteranomaly

121, 152, 118

Tritanomaly

121, 141, 156

Monochromacy



Original Color

115, 160, 160

Achromatopsia

141, 141, 141

Achromatomaly

132, 148, 148

CSS Examples

Text

The CSS property to change the color of the text to RYB 115, 160, 160 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(115, 160, 115)` looks like.

```
.text, #text, p{  
    color:rgb(115, 160, 115)  
}
```

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(115, 160, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 160, 115) }
```

Border

The CSS property to change the border of an element to RYB 115, 160, 160 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(115, 160, 115) }
```

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

```
.border{ border-color:rgb(115, 160, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 160, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 160, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 160, 115);  
box-shadow:4px 4px 4px 4px rgb(115, 160,  
115) }
```

Background

The CSS property to change the background color of an element to RYB 115, 160, 160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 160, 115) }
```

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

```
.background{ background-color: rgb(115,  
160, 115) }
```

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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