

Converting Colors

`RYB(94, 158, 154)`

Have a look what the booklet for
RYB(94, 158, 154) contains.

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Color

R_YB(94, 158, 154)

Conversions

Conversions Part 1

Format	Color
Hex	629E5E
RGB	98, 158, 94
RGB Percent	38%, 62%, 37%
CMY	0.6157, 0.3804, 0.6314
CMYK	0.38, 0.00, 0.41, 0.38
HSL	116°, 25%, 49%
HSV	116°, 41%, 62%
XYZ	19.2842, 27.8585, 14.9505
YIQ	132.7640, -15.2160, -32.6240

Conversions

Conversions Part 2

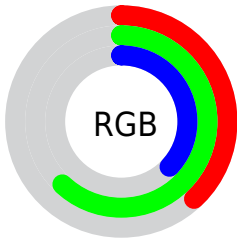
Format	Color
R_{YB}	94, 158, 154
Decimal	6463070
CIE _{Lab}	59.76, -32.75, 27.44
CIE _{LCh}	60, 42.728, 140.040
Yxy	27.8585, 0.3106, 0.4487
Android (android.graphics.Color)	4284653150 (0xFF629E5E)
YUV	132.7640, -19.1107, -30.4880
Hunter-Lab	52.7812, -27.1500, 20.1527

Details

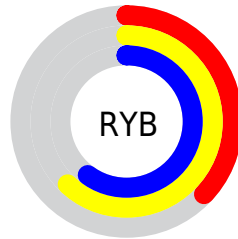
The RYB color **94, 158, 154** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **154, 94, 158**, and the grayscale version is **133, 133, 133**.

A 20% lighter version of the original color is **145, 213, 207**, and **46, 106, 106** is the 20% darker color. If you saturate the color by 10%, you get **78, 158, 153**, and if you desaturate by 10%, it is **110, 158, 155**.

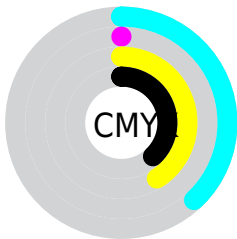
Distribution



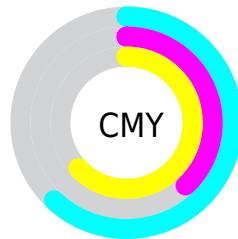
- Red (38%)
- Green (62%)
- Blue (37%)



- Red (37%)
- Yellow (62%)
- Blue (60%)



- Cyan (38%)
- Magenta (0%)
- Yellow (41%)
- Black (38%)




- Cyan (62%)
- Magenta (38%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the RYB color 94, 158, 154 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 94, 158, 154 by changing the saturation by 10% instead.

 94, 158, 154


255, 255, 255


 145, 213, 207


 172, 242, 235


 199, 255, 247


 228, 255, 247


 94, 158, 154

 78, 158, 153

 62, 158, 152

 94, 158, 154

 70, 132, 130


 46, 106, 106


 18, 76, 81


 0, 58, 58

 0, 37, 37

 0, 0, 0

 94, 158, 154

 110, 158, 155

 126, 158, 156

■ 47, 158, 151

■ 141, 158, 157

■ 31, 158, 150

■ 157, 158, 158

■ 15, 158, 149

■ 172, 158, 173

■ 0, 158, 148

■ 187, 158, 189

■ 202, 158, 205

■ 217, 158, 220

■ 231, 158, 236

Harmonies

Analogous

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



71, 150, 79



94, 158, 154



29, 105, 162

Triad

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



94, 158, 154



42, 110, 218



215, 114, 120

Complementary

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



94, 158, 154



154, 94, 158

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.



208, 114, 158



94, 158, 154



127, 138, 215

Square

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



94, 158, 154



0, 89, 201



178, 124, 193



204, 140, 88

Rectangle

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



94, 158, 154



0, 83, 163



178, 124, 193



215, 113, 133

Sweetspot

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



94, 158, 154



182, 207, 206



98, 158, 94



90, 105, 104



232, 232, 232



105, 105, 105

Same Dimension

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



94, 158, 154



105, 207, 200



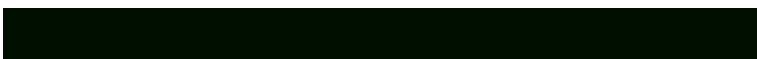
94, 139, 158



71, 79, 78



0, 143, 134



0, 15, 14

Inverse Universe

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



154, 94, 158



200, 105, 207



158, 94, 130



79, 71, 79



134, 0, 143



14, 0, 15

Previews

White Background



This preview shows how the RYB color 94, 158, 154 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 94, 158, 154 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](#).

RYB 94, 158, 154 Background



This preview shows how black text looks on a background with the RYB color 94, 158, 154.

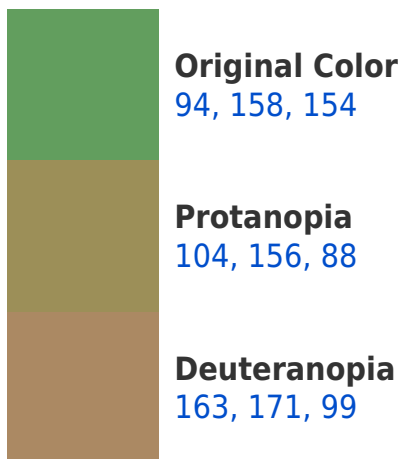


This preview shows how white text looks on a background with the RYB color 94, 158, 154.

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
111, 133, 162

Trichromacy



Original Color

94, 158, 154

Protanomaly

90, 148, 103

Deuteranomaly

97, 145, 98

Tritanomaly

106, 134, 153

Monochromacy



Original Color

94, 158, 154

Achromatopsia

133, 133, 133

Achromatomaly

119, 142, 141

CSS Examples

Text

The CSS property to change the color of the text to RYB 94, 158, 154 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(98, 158, 94)` looks like.

```
.text, #text, p{  
    color:rgb(98, 158, 94)  
}
```

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(98, 158, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 158, 94) }
```

Border

The CSS property to change the border of an element to RYB 94, 158, 154 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(98, 158, 94) }
```

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

```
.border{ border-color:rgb(98, 158, 94) }
```

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

Here you see how a box with a 4 pixel rgb(98, 158, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 158, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 158, 94);  
box-shadow:4px 4px 4px 4px rgb(98, 158,  
94) }
```

Background

The CSS property to change the background color of an element to RYB 94, 158, 154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 158, 94) }
```

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

```
.background{ background-color: rgb(98, 158,  
94) }
```

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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