

Converting Colors

`RYB(94, 159, 159)`

Have a look what the booklet for
RYB(94, 159, 159) contains.

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Color

R_YB(94, 159, 159)

Conversions

Conversions Part 1

Format	Color
Hex	5E9F5E
RGB	94, 159, 94
RGB Percent	37%, 62%, 37%
CMY	0.6314, 0.3765, 0.6314
CMYK	0.41, 0.00, 0.41, 0.38
HSL	120°, 26%, 50%
HSV	120°, 41%, 62%
XYZ	19.0346, 27.9841, 14.9879
YIQ	132.1550, -17.8750, -33.9950

Conversions

Conversions Part 2

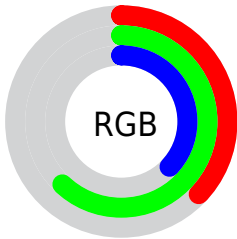
Format	Color
RYB	94, 159, 159
Decimal	6201182
CIELab	59.87, -34.51, 27.55
CIElCh	60, 44.162, 141.400
Yxy	27.9841, 0.3070, 0.4513
Android (android.graphics.Color)	4284391262 (0xFF5E9F5E)
YUV	132.1550, -18.8104, -33.4619
Hunter-Lab	52.9000, -28.3467, 20.2316

Details

The RYB color **94, 159, 159** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **159, 94, 159**, and the grayscale version is **132, 132, 132**.

A 20% lighter version of the original color is **145, 214, 212**, and **41, 102, 107** is the 20% darker color. If you saturate the color by 10%, you get **78, 159, 159**, and if you desaturate by 10%, it is **110, 159, 159**.

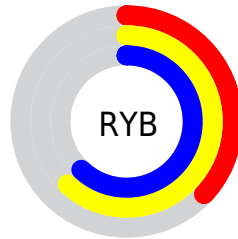
Distribution



Red (37%)

Green (62%)

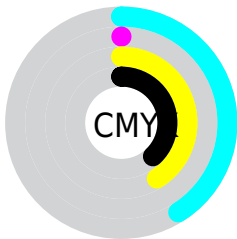
Blue (37%)



Red (37%)

Yellow (62%)

Blue (62%)

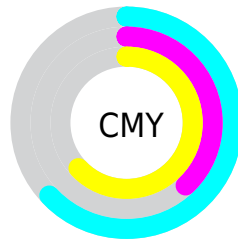


Cyan (41%)

Magenta (0%)

Yellow (41%)

Black (38%)



Cyan (63%)

Magenta (38%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the RYB color 94, 159, 159 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, 159, 159 by changing the saturation by 10% instead.



94, 159, 159



94, 159, 159

255, 255, 255



68, 131, 133



145, 214, 212



41, 102, 107



172, 243, 240



9, 70, 82



199, 255, 251



0, 58, 58



228, 255, 251



0, 37, 37



0, 0, 0



94, 159, 159



94, 159, 159



78, 159, 159




110, 159, 159




62, 159, 159




126, 159, 159

 46, 159, 159

 142, 159, 159

 30, 159, 159

 158, 159, 159


 14, 159, 159


 174, 159, 174

 0, 159, 159

 189, 159, 189

 205, 159, 205

 221, 159, 221

 237, 159, 237

Harmonies

Analogous

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



69, 151, 80



94, 159, 159



2, 91, 163

Triad

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



94, 159, 159



39, 109, 221



217, 113, 118

Complementary

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



94, 159, 159



159, 94, 159

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.



211, 113, 157



94, 159, 159



129, 137, 217

Square

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



94, 159, 159



0, 90, 204



181, 123, 193



205, 143, 85

Rectangle

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



94, 159, 159



0, 84, 164



181, 123, 193



218, 112, 131

Sweetspot

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



94, 159, 159



182, 207, 207



94, 159, 94



90, 105, 105



232, 232, 232



105, 105, 105

Same Dimension

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



94, 159, 159



105, 207, 207



94, 137, 159



71, 79, 79



0, 143, 143



0, 15, 15

Inverse Universe

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



159, 94, 159



207, 105, 207



159, 94, 127



79, 71, 79



143, 0, 143



15, 0, 15

Previews

White Background



This preview shows how the RYB color 94, 159, 159 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, 159, 159 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 94, 159, 159 Background



This preview shows how black text looks on a background with the R Y B color 94, 159, 159.



This preview shows how white text looks on a background with the R Y B color 94, 159, 159.

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

94, 159, 159

Protanopia

104, 157, 88

Deuteranopia

163, 171, 99



Tritanopia
108, 132, 163

Trichromacy



Original Color

94, 159, 159



Protanomaly

90, 149, 105



Deuteranomaly

97, 145, 99



Tritanomaly

103, 133, 154

Monochromacy



Original Color

94, 159, 159



Achromatopsia

132, 132, 132



Achromatomaly

118, 142, 142

CSS Examples

Text

The CSS property to change the color of the text to RYB 94, 159, 159 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(94, 159, 94)` looks like.

```
.text, #text, p{  
    color:rgb(94, 159, 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(94, 159, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 159, 94) }
```

Border

The CSS property to change the border of an element to RYB 94, 159, 159 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(94, 159, 94) }
```

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

```
.border{ border-color:rgb(94, 159, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 159, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 159, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 159, 94);  
box-shadow:4px 4px 4px 4px rgb(94, 159,  
94) }
```

Background

The CSS property to change the background color of an element to RYB 94, 159, 159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 159, 94) }
```

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

```
.background{ background-color: rgb(94, 159,  
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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