

Converting Colors

`RYB(89, 159, 162)`

Have a look what the booklet for
RYB(89, 159, 162) contains.

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Color

`RYB(89, 159, 162)`

Conversions

Conversions Part 1

Format	Color
Hex	59A25C
RGB	89, 162, 92
RGB Percent	35%, 64%, 36%
CMY	0.6510, 0.3647, 0.6387
CMYK	0.45, 0.00, 0.43, 0.36
HSL	123°, 29%, 49%
HSV	123°, 45%, 64%
XYZ	18.9775, 28.7395, 14.7018
YIQ	132.1930, -21.0380, -37.2460

Conversions

Conversions Part 2

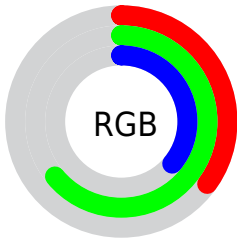
Format	Color
R_{YB}	89, 159, 162
Decimal	5874268
CIE _{Lab}	60.55, -37.72, 29.38
CIE _{LCh}	61, 47.814, 142.087
Yxy	28.7395, 0.3040, 0.4604
Android (android.graphics.Color)	4284064348 (0xFF59A25C)
YUV	132.1930, -19.8151, -37.8803
Hunter-Lab	53.6092, -30.6275, 21.2668

Details

The RYB color **89, 159, 162** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **162, 89, 159**, and the grayscale version is **132, 132, 132**.

A 20% lighter version of the original color is **143, 217, 217**, and **34, 101, 110** is the 20% darker color. If you saturate the color by 10%, you get **73, 158, 162**, and if you desaturate by 10%, it is **105, 159, 162**.

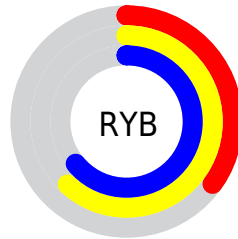
Distribution



Red (35%)

Green (64%)

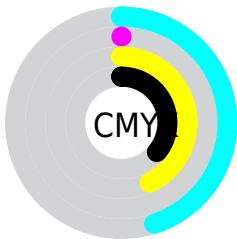
Blue (36%)



Red (35%)

Yellow (62%)

Blue (64%)

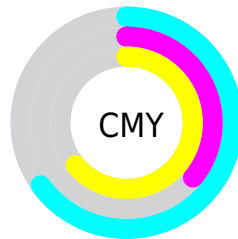


Cyan (45%)

Magenta (0%)

Yellow (43%)

Black (36%)



Cyan (65%)

Magenta (36%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the RYB color 89, 159, 162 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 89, 159, 162 by changing the saturation by 10% instead.



89, 159, 162



89, 159, 162

255, 255, 255



62, 129, 135



143, 217, 217



34, 101, 110



170, 246, 245



0, 68, 85



198, 255, 254



0, 61, 61



226, 255, 253



0, 39, 39



0, 4, 4



0, 0, 0



89, 159, 162



89, 159, 162



73, 158, 162



105, 159, 162

■ 57, 158, 162

■ 121, 160, 162

■ 40, 156, 162

■ 138, 161, 162

■ 24, 156, 162

■ 154, 162, 162

■ 8, 155, 162

■ 170, 162, 170

■ 0, 155, 162

■ 186, 162, 185

■ 202, 162, 201

■ 219, 162, 216

■ 235, 162, 232

Harmonies

Analogous

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



64, 153, 77



89, 159, 162



0, 93, 167

Triad

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



89, 159, 162



0, 92, 229



225, 112, 117

Complementary

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



89, 159, 162



162, 89, 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.



218, 111, 159



89, 159, 162



130, 138, 224

Square

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



89, 159, 162



0, 92, 212



187, 123, 198



210, 146, 81

Rectangle

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



89, 159, 162



0, 85, 167



187, 123, 198



225, 110, 130

Sweetspot

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



89, 159, 162



182, 211, 212



89, 162, 91



89, 106, 107



235, 235, 235



107, 107, 107

Same Dimension

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



89, 159, 162



97, 207, 212



89, 137, 162



73, 81, 82



0, 139, 145



0, 17, 18

Inverse Universe

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



162, 89, 159



212, 97, 207



162, 89, 123



82, 73, 81



145, 0, 139



18, 0, 17

Previews

White Background



This preview shows how the RYB color 89, 159, 162 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 89, 159, 162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

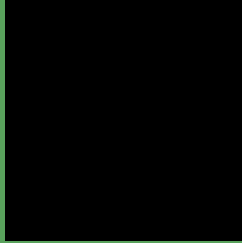
Any Text WCAG AA ✓ Pass

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 89, 159, 162 Background



This preview shows how black text looks on a background with the RYB color 89, 159, 162.



This preview shows how white text looks on a background with the RYB color 89, 159, 162.

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
89, 159, 162

Protanopia
103, 159, 86

Deuteranopia
163, 174, 98



Tritanopia
104, 131, 166

Trichromacy



Original Color
89, 159, 162

Protanomaly
88, 151, 105

Deuteranomaly
96, 147, 100

Tritanomaly
99, 132, 156

Monochromacy



Original Color
89, 159, 162

Achromatopsia
132, 132, 132

Achromatomaly
116, 141, 143

CSS Examples

Text

The CSS property to change the color of the text to RYB 89, 159, 162 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(89, 162, 92)` looks like.

```
.text, #text, p{  
    color:rgb(89, 162, 92)  
}
```

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(89, 162, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 162, 92) }
```

Border

The CSS property to change the border of an element to RYB 89, 159, 162 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(89, 162, 92) }
```

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

```
.border{ border-color:rgb(89, 162, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 162, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 162, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 162, 92);  
box-shadow:4px 4px 4px 4px rgb(89, 162,  
92) }
```

Background

The CSS property to change the background color of an element to RGB 89, 159, 162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 162, 92) }
```

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

```
.background{ background-color: rgb(89, 162,  
92) }
```

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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