

Converting Colors

`RYB(79, 176, 162)`

Have a look what the booklet for
RYB(79, 176, 162) contains.

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Color

$\text{RYB}(79, 176, 162)$

Conversions

Conversions Part 1

Format	Color
Hex	5DB04F
RGB	93, 176, 79
RGB Percent	36%, 69%, 31%
CMY	0.6353, 0.3098, 0.6902
CMYK	0.47, 0.00, 0.55, 0.31
HSL	111°, 38%, 50%
HSV	111°, 55%, 69%
XYZ	21.4508, 33.9423, 12.8181
YIQ	140.1250, -18.3310, -47.7630

Conversions

Conversions Part 2

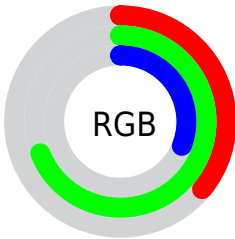
Format	Color
RYB	79, 176, 162
Decimal	6139983
CIELab	64.92, -44.36, 41.49
CIELCh	65, 60.740, 136.914
Yxy	33.9423, 0.3145, 0.4976
Android (android.graphics.Color)	4284330063 (0xFF5DB04F)
YUV	140.1250, -30.1346, -41.3286
Hunter-Lab	58.2601, -36.2330, 27.7373

Details

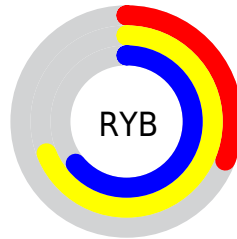
The RYB color **79, 176, 162** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **162, 79, 176**, and the grayscale version is **140, 140, 140**.

A 20% lighter version of the original color is **131, 232, 214**, and **28, 123, 117** is the 20% darker color. If you saturate the color by 10%, you get **61, 176, 159**, and if you desaturate by 10%, it is **97, 176, 165**.

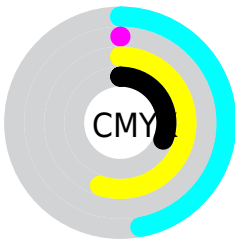
Distribution



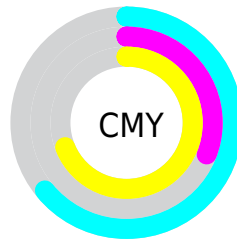
- Red (36%)
- Green (69%)
- Blue (31%)



- Red (31%)
- Yellow (69%)
- Blue (64%)



- Cyan (47%)
- Magenta (0%)
- Yellow (55%)
- Black (31%)




- Cyan (64%)
- Magenta (31%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the RYB color 79, 176, 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 79, 176, 162 by changing the saturation by 10% instead.

 79, 176, 162

255, 255, 255


 131, 232, 214


 157, 255, 235


 185, 255, 234

 213, 255, 233

 242, 255, 242

 79, 176, 162

 54, 149, 138


 28, 123, 117


 0, 97, 97


 0, 72, 72


 0, 49, 49


 0, 26, 26

 0, 0, 0

 79, 176, 162

 61, 176, 159

 79, 176, 162

 97, 176, 165

■ 44, 176, 157

■ 114, 176, 167

■ 26, 176, 154

■ 132, 176, 170

■ 9, 176, 152

■ 149, 176, 172

■ 0, 176, 151

■ 167, 176, 175

■ 183, 176, 185

■ 198, 176, 202

■ 213, 176, 220

■ 229, 176, 237

Harmonies

Analogous

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



43, 164, 50



79, 176, 162



0, 106, 182

Triad

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



79, 176, 162



0, 102, 255



255, 108, 129

Complementary

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



79, 176, 162



162, 79, 176

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.



244, 110, 184



79, 176, 162



114, 145, 255

Square

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



79, 176, 162



0, 102, 236



199, 130, 232



242, 142, 80

Rectangle

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



79, 176, 162



0, 96, 184



199, 130, 232



255, 106, 147

Sweetspot

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



79, 176, 162



190, 230, 224



97, 176, 79



92, 115, 112



242, 242, 242



115, 115, 115

Same Dimension

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



79, 176, 162



78, 230, 208



79, 151, 176



80, 89, 87



0, 153, 131



0, 26, 22

Inverse Universe

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



162, 79, 176



208, 78, 230



176, 79, 142



88, 80, 89



131, 0, 153



22, 0, 26

Previews

White Background



This preview shows how the RYB color 79, 176, 162 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 79, 176, 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 79, 176, 162 Background



This preview shows how black text looks on a background with the RYB color 79, 176, 162.



This preview shows how white text looks on a background with the RYB color 79, 176, 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
79, 176, 162

Protanopia
93, 174, 73

Deuteranopia
156, 191, 86



Tritanopia
112, 142, 179

Trichromacy



Original Color

79, 176, 162

Protanomaly

75, 164, 94

Deuteranomaly

83, 159, 87

Tritanomaly

105, 145, 169

Monochromacy



Original Color

79, 176, 162

Achromatopsia

140, 140, 140

Achromatomaly

118, 153, 148

CSS Examples

Text

The CSS property to change the color of the text to RYB 79, 176, 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(93, 176, 79) looks like.

```
.text, #text, p{  
    color:rgb(93, 176, 79)  
}
```

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(93, 176, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 176, 79) }
```

Border

The CSS property to change the border of an element to RYB 79, 176, 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(93, 176, 79) }
```

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

```
.border{ border-color:rgb(93, 176, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 176, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 176, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 176, 79);  
box-shadow:4px 4px 4px 4px rgb(93, 176,  
79) }
```

Background

The CSS property to change the background color of an element to RGB 79, 176, 162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 176, 79) }
```

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

```
.background{ background-color: rgb(93, 176,  
79) }
```

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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