

Converting Colors

`RYB(79, 195, 189)`

Have a look what the booklet for
RYB(79, 195, 189) contains.

RYB(79, 195, 189)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RYB(79, 195, 189)

Conversions

Conversions Part 1

Format	Color
Hex	55C34F
RGB	85, 195, 79
RGB Percent	33%, 76%, 31%
CMY	0.6667, 0.2353, 0.6902
CMYK	0.56, 0.00, 0.59, 0.24
HSL	117°, 49%, 54%
HSV	117°, 59%, 76%
XYZ	24.6727, 41.5260, 14.1121
YIQ	148.8860, -28.3240, -59.3960

Conversions

Conversions Part 2

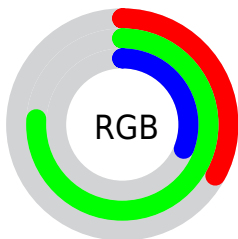
Format	Color
RYB	79, 195, 189
Decimal	5620559
CIELab	70.54, -54.07, 48.00
CIElCh	71, 72.304, 138.407
Yxy	41.5260, 0.3072, 0.5171
Android (android.graphics.Color)	4283810639 (0xFF55C34F)
YUV	148.8860, -34.4538, -56.0280
Hunter-Lab	64.4407, -44.4281, 32.1244

Details

The RYB color **79, 195, 189** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted green. A complement of this color would be **189, 79, 195**, and the grayscale version is **149, 149, 149**.

A 20% lighter version of the original color is **132, 252, 240**, and **1, 120, 140** is the 20% darker color. If you saturate the color by 10%, you get **60, 195, 188**, and if you desaturate by 10%, it is **98, 195, 190**.

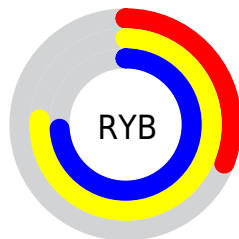
Distribution



Red (33%)

Green (76%)

Blue (31%)



Red (31%)

Yellow (76%)

Blue (74%)

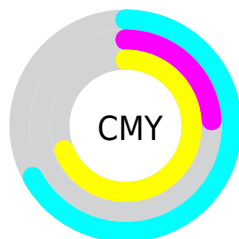


Cyan (56%)

Magenta (0%)

Yellow (59%)

Black (24%)



Cyan (67%)



















Magenta (24%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the RYB color 79, 195, 189 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, 195, 189 by changing the saturation by 10% instead.

 79, 195, 189	 79, 195, 189
 255, 255, 255	 53, 167, 167
 132, 252, 240	 1, 120, 140
 159, 255, 241	 0, 114, 114
 187, 255, 240	 0, 88, 88
 215, 255, 238	 0, 64, 64
 244, 255, 244	 0, 41, 41
	 0, 4, 4
	 0, 0, 0
 79, 195, 189	 79, 195, 189

■ 60, 195, 188

■ 98, 195, 190

■ 40, 195, 187

■ 118, 195, 191

■ 20, 195, 185

■ 137, 195, 192

■ 1, 195, 185

■ 157, 195, 193

■ 0, 195, 185

■ 177, 195, 195

■ 196, 195, 196

■ 214, 195, 216

■ 233, 195, 235

■ 251, 195, 255

Harmonies

Analogous

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



23, 182, 38



79, 195, 189



0, 118, 202

Triad

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



79, 195, 189



0, 108, 255



255, 110, 135

Complementary

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



79, 195, 189



189, 79, 195

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.



255, 111, 201



79, 195, 189



120, 154, 255

Square

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



79, 195, 189



0, 112, 255



226, 137, 255



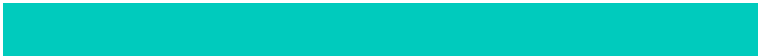
255, 161, 75

Rectangle

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



79, 195, 189



0, 105, 203



226, 137, 255



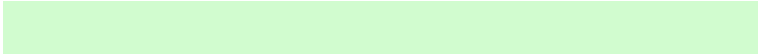
255, 107, 157

Sweetspot

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



79, 195, 189



207, 252, 250



88, 195, 79



99, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

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



79, 195, 189



73, 252, 243



79, 160, 195



87, 97, 96



0, 161, 153



0, 33, 31

Inverse Universe

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



189, 79, 195



243, 73, 252



195, 79, 145



96, 87, 97



152, 0, 161



31, 0, 33

Previews

White Background



This preview shows how the RYB color 79, 195, 189 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, 195, 189 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](#).

RYP 79, 195, 189 Background



This preview shows how black text looks on a background with the RYB color 79, 195, 189.

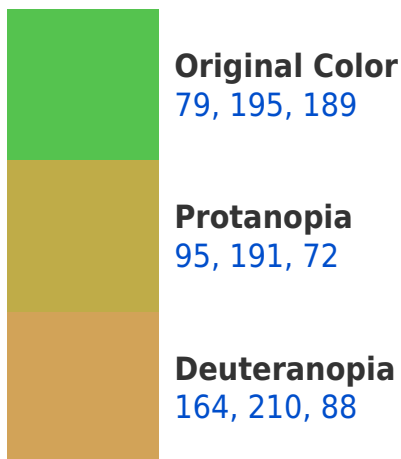


This preview shows how white text looks on a background with the RYB color 79, 195, 189.

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





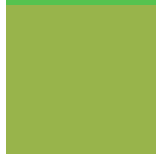
Tritanopia
111, 150, 198

Trichromacy



Original Color

79, 195, 189



Protanomaly

75, 180, 103



Deuteranomaly

85, 175, 95



Tritanomaly

102, 154, 187

Monochromacy



Original Color

79, 195, 189



Achromatopsia

149, 149, 149



Achromatomaly

124, 166, 164

CSS Examples

Text

The CSS property to change the color of the text to RYB 79, 195, 189 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(85, 195, 79)` looks like.

```
.text, #text, p{  
    color:rgb(85, 195, 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(85, 195, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 195, 79) }
```

Border

The CSS property to change the border of an element to RYB 79, 195, 189 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(85, 195, 79) }
```

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

```
.border{ border-color:rgb(85, 195, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 195, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 195, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 195, 79);  
box-shadow:4px 4px 4px 4px rgb(85, 195,  
79) }
```

Background

The CSS property to change the background color of an element to RGB 79, 195, 189 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 195, 79) }
```

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

```
.background{ background-color: rgb(85, 195,  
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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