

Converting Colors

`RYB(79, 172, 172)`

Have a look what the booklet for
RYB(79, 172, 172) contains.

RYB(79, 172, 172)	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, 172, 172)`

Conversions

Conversions Part 1

Format	Color
Hex	4FAC4F
RGB	79, 172, 79
RGB Percent	31%, 67%, 31%
CMY	0.6902, 0.3255, 0.6902
CMYK	0.54, 0.00, 0.54, 0.33
HSL	120°, 37%, 49%
HSV	120°, 54%, 67%
XYZ	19.3883, 31.7318, 12.5001
YIQ	133.5910, -25.5750, -48.6390

Conversions

Conversions Part 2

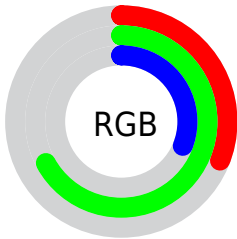
Format	Color
RYB	79, 172, 172
Decimal	5221455
CIELab	63.12, -46.71, 39.21
CIELCh	63, 60.983, 139.985
Yxy	31.7318, 0.3047, 0.4988
Android (android.graphics.Color)	4283411535 (0xFF4FAC4F)
YUV	133.5910, -26.9134, -47.8763
Hunter-Lab	56.3310, -37.1423, 26.2750

Details

The RYB color **79, 172, 172** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **172, 79, 172**, and the grayscale version is **134, 134, 134**.

A 20% lighter version of the original color is **130, 228, 223**, and **6, 100, 119** is the 20% darker color. If you saturate the color by 10%, you get **62, 172, 172**, and if you desaturate by 10%, it is **96, 172, 172**.

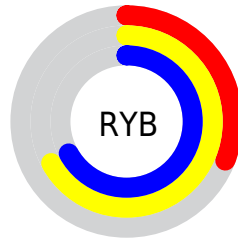
Distribution



Red (31%)

Green (67%)

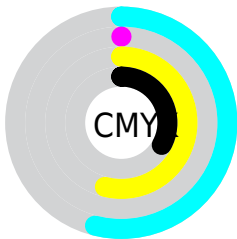
Blue (31%)



Red (31%)

Yellow (67%)

Blue (67%)

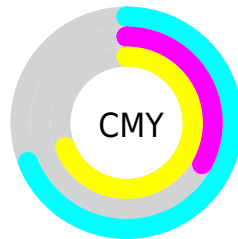


Cyan (54%)

Magenta (0%)

Yellow (54%)

Black (33%)



Cyan (69%)

Magenta (33%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the RYB color 79, 172, 172 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, 172, 172 by changing the saturation by 10% instead.



79, 172, 172



79, 172, 172

255, 255, 255



49, 140, 145



130, 228, 223



6, 100, 119



157, 255, 248



0, 93, 93



185, 255, 248



0, 68, 68



213, 255, 246



0, 46, 46



241, 255, 245



0, 19, 19



0, 0, 0



79, 172, 172



79, 172, 172



62, 172, 172



96, 172, 172

■ 45, 172, 172

■ 113, 172, 172

■ 27, 172, 172

■ 131, 172, 172

■ 10, 172, 172

■ 148, 172, 172

■ 0, 172, 172

■ 165, 172, 172

■ 182, 172, 182

■ 199, 172, 199

■ 217, 172, 217

■ 234, 172, 234

Harmonies

Analogous

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



39, 161, 54



79, 172, 172



0, 102, 178

Triad

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



79, 172, 172



0, 100, 255



251, 104, 119

Complementary

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



79, 172, 172



172, 79, 172

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.



242, 104, 173



79, 172, 172



120, 142, 255

Square

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



79, 172, 172



0, 100, 235



201, 123, 223



233, 145, 71

Rectangle

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



79, 172, 172



0, 92, 179



201, 123, 223



251, 101, 137

Sweetspot

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



79, 172, 172



188, 224, 224



79, 172, 79



91, 112, 112



240, 240, 240



112, 112, 112

Same Dimension

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



79, 172, 172



79, 224, 224



79, 141, 172



78, 87, 87



0, 150, 150



0, 23, 23

Inverse Universe

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



172, 79, 172



224, 79, 224



172, 79, 126



87, 78, 87



150, 0, 150



23, 0, 23

Previews

White Background



This preview shows how the RYB color 79, 172, 172 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, 172, 172 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](#).

R_YB 79, 172, 172 Background



This preview shows how black text looks on a background with the R_YB color 79, 172, 172.



This preview shows how white text looks on a background with the R_YB color 79, 172, 172.

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, 172, 172

Protanopia
91, 168, 72

Deuteranopia
153, 185, 86



Tritanopia
100, 134, 175

Trichromacy



Original Color

79, 172, 172



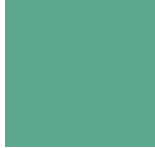
Protanomaly

75, 159, 98



Deuteranomaly

83, 155, 92



Tritanomaly

92, 137, 166

Monochromacy



Original Color

79, 172, 172



Achromatopsia

134, 134, 134



Achromatomaly

114, 148, 148

CSS Examples

Text

The CSS property to change the color of the text to RYB 79, 172, 172 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(79, 172, 79)` looks like.

```
.text, #text, p{  
    color:rgb(79, 172, 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(79, 172, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 172, 79) }
```

Border

The CSS property to change the border of an element to RYB 79, 172, 172 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(79, 172, 79) }
```

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

```
.border{ border-color:rgb(79, 172, 79) }
```

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

Here you see how a box with a 4 pixel rgb(79, 172, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 172, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 172, 79);  
box-shadow:4px 4px 4px 4px rgb(79, 172,  
79) }
```

Background

The CSS property to change the background color of an element to RGB 79, 172, 79 is called "background".

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

```
.background, #background, body{  
background: rgb(79, 172, 79) }
```

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

```
.background{ background-color: rgb(79, 172,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor