

Converting Colors

`RYB(79, 167, 194)`

Have a look what the booklet for
RYB(79, 167, 194) contains.

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Color

RYB(79, 167, 194)

Conversions

Conversions Part 1

Format	Color
Hex	4FC272
RGB	79, 194, 114
RGB Percent	31%, 76%, 45%
CMY	0.6902, 0.2392, 0.5518
CMYK	0.59, 0.00, 0.41, 0.24
HSL	138°, 49%, 54%
HSV	138°, 59%, 76%
XYZ	25.5697, 41.4672, 22.6608
YIQ	150.4950, -42.8600, -49.2600

Conversions

Conversions Part 2

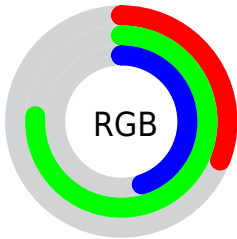
Format	Color
RYB	79, 167, 194
Decimal	5227122
CIELab	70.50, -50.08, 30.62
CIELCh	71, 58.698, 148.558
Yxy	41.4672, 0.2851, 0.4623
Android (android.graphics.Color)	4283417202 (0xFF4FC272)
YUV	150.4950, -17.9920, -62.7011
Hunter-Lab	64.3950, -41.8134, 24.2122

Details

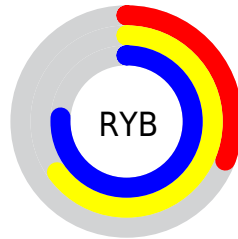
The RYB color **79, 167, 194** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted spring green. A complement of this color would be **194, 79, 159**, and the grayscale version is **151, 151, 151**.

A 20% lighter version of the original color is **138, 228, 251**, and **0, 95, 139** is the 20% darker color. If you saturate the color by 10%, you get **60, 163, 194**, and if you desaturate by 10%, it is **98, 171, 194**.

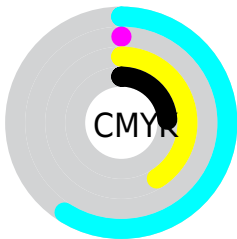
Distribution



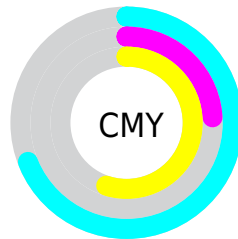
- Red (31%)
- Green (76%)
- Blue (45%)



- Red (31%)
- Yellow (65%)
- Blue (76%)



- Cyan (59%)
- Magenta (0%)
- Yellow (41%)
- Black (24%)




- Cyan (69%)
- Magenta (24%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RYB color 79, 167, 194 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, 167, 194 by changing the saturation by 10% instead.

 79, 167, 194


255, 255, 255


 138, 228, 251

 167, 234, 255

 196, 236, 255

 225, 241, 255

 79, 167, 194

 46, 134, 166

 0, 95, 139

 0, 83, 113


 0, 74, 88


 0, 63, 63

 0, 41, 41

 0, 3, 3

 0, 0, 0

 79, 167, 194

 79, 167, 194

■ 60, 163, 194

■ 98, 171, 194

■ 40, 158, 194

■ 118, 176, 194

■ 21, 153, 194

■ 137, 180, 194

■ 1, 149, 194

■ 157, 186, 194

■ 0, 148, 194

■ 176, 190, 194

■ 195, 194, 195

■ 215, 194, 208

■ 234, 194, 222

■ 254, 194, 235

Harmonies

Analogous

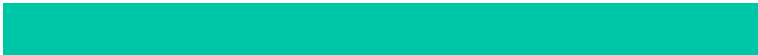
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73, 184, 106



79, 167, 194



0, 107, 198

Triad

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



79, 167, 194



33, 121, 255



255, 130, 124

Complementary

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



79, 167, 194



194, 79, 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.



255, 125, 177



79, 167, 194



170, 159, 255

Square

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



79, 167, 194



0, 110, 255



235, 138, 229



245, 197, 81

Rectangle

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



79, 167, 194



0, 101, 205



235, 138, 229



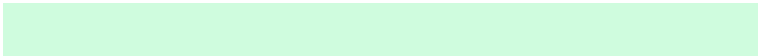
255, 127, 141

Sweetspot

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



79, 167, 194



207, 241, 252



79, 194, 114



99, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



79, 167, 194



73, 210, 252



79, 143, 194



87, 95, 97



0, 123, 161



0, 25, 33

Inverse Universe

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



194, 79, 159



252, 73, 197



194, 79, 102



97, 87, 94



161, 0, 111



33, 0, 23

Previews

White Background



This preview shows how the RYB color 79, 167, 194 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, 167, 194 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, 167, 194 Background



This preview shows how black text looks on a background with the RYB color 79, 167, 194.



This preview shows how white text looks on a background with the RYB color 79, 167, 194.

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, 167, 194

Protanopia
125, 187, 105

Deuteranopia
198, 204, 121



Tritanopia
103, 147, 199

Trichromacy



Original Color

79, 167, 194



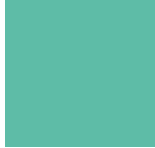
Protanomaly

108, 179, 139



Deuteranomaly

119, 175, 135



Tritanomaly

94, 147, 188

Monochromacy



Original Color

79, 167, 194



Achromatopsia

151, 151, 151



Achromatomaly

125, 157, 167

CSS Examples

Text

The CSS property to change the color of the text to RYB 79, 167, 194 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, 194, 114)` looks like.

```
.text, #text, p{  
    color:rgb(79, 194, 114)  
}
```

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, 194, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 194, 114) }
```

Border

The CSS property to change the border of an element to RYB 79, 167, 194 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, 194, 114) }
```

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

```
.border{ border-color:rgb(79, 194, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 194, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 194, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 194, 114);  
box-shadow:4px 4px 4px 4px rgb(79, 194,  
114) }
```

Background

The CSS property to change the background color of an element to RGB 79, 167, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 194, 114) }
```

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

```
.background{ background-color: rgb(79, 194,  
114) }
```

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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