

Converting Colors

`RYB(79, 164, 181)`

Have a look what the booklet for
RYB(79, 164, 181) contains.

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Color

R_YB(79, 164, 181)

Conversions

Conversions Part 1

Format	Color
Hex	4FB563
RGB	79, 181, 99
RGB Percent	31%, 71%, 39%
CMY	0.6902, 0.2902, 0.6102
CMYK	0.56, 0.00, 0.45, 0.29
HSL	132°, 41%, 51%
HSV	132°, 56%, 71%
XYZ	22.0196, 35.6185, 17.6194
YIQ	141.1540, -34.4700, -47.1260

Conversions

Conversions Part 2

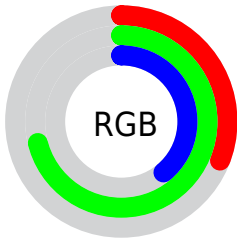
Format	Color
RYB	79, 164, 181
Decimal	5223779
CIELab	66.23, -47.34, 32.78
CIELCh	66, 57.586, 145.297
Yxy	35.6185, 0.2926, 0.4733
Android (android.graphics.Color)	4283413859 (0xFF4FB563)
YUV	141.1540, -20.7819, -54.5091
Hunter-Lab	59.6813, -38.5840, 24.2730

Details

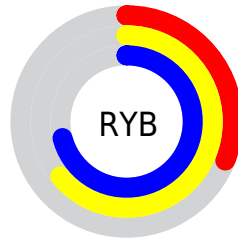
The RYB color **79, 164, 181** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **181, 79, 161**, and the grayscale version is **141, 141, 141**.

A 20% lighter version of the original color is **136, 225, 238**, and **0, 91, 127** is the 20% darker color. If you saturate the color by 10%, you get **61, 161, 181**, and if you desaturate by 10%, it is **97, 167, 181**.

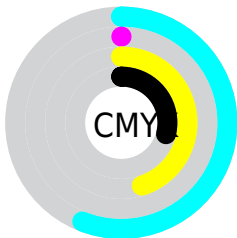
Distribution



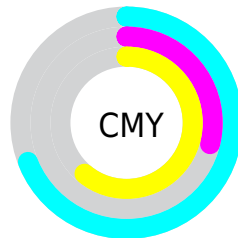
- Red (31%)
- Green (71%)
- Blue (39%)



- Red (31%)
- Yellow (64%)
- Blue (71%)



- Cyan (56%)
- Magenta (0%)
- Yellow (45%)
- Black (29%)




- Cyan (69%)
- Magenta (29%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the RYB color 79, 164, 181 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, 164, 181 by changing the saturation by 10% instead.

 79, 164, 181

255, 255, 255


 136, 225, 238


 165, 244, 255

 193, 244, 255

 223, 246, 255

 252, 254, 255

 79, 164, 181


 48, 132, 154

 1, 91, 127


 0, 80, 101


 0, 75, 76

 0, 52, 52


 0, 30, 30

 0, 0, 0

 79, 164, 181

 61, 161, 181

 79, 164, 181

 97, 167, 181

■ 43, 158, 181

■ 115, 170, 181

■ 25, 155, 181

■ 133, 173, 181

■ 7, 153, 181

■ 151, 176, 181

■ 0, 151, 181

■ 170, 179, 181

■ 188, 181, 186

■ 206, 181, 201

■ 224, 181, 215

■ 242, 181, 230

Harmonies

Analogous

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



61, 171, 86



79, 164, 181



0, 103, 186

Triad

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



79, 164, 181



0, 102, 255



255, 118, 120

Complementary

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



79, 164, 181



181, 79, 161

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.



250, 115, 171



79, 164, 181



149, 151, 255

Square

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



79, 164, 181



0, 104, 245



216, 129, 221



234, 173, 76

Rectangle

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



79, 164, 181



0, 93, 187



216, 129, 221



255, 115, 137

Sweetspot

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



79, 164, 181



195, 228, 235



79, 181, 99



94, 113, 117



245, 245, 245



117, 117, 117

Same Dimension

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



79, 164, 181



75, 208, 235



79, 139, 181



80, 87, 89



0, 127, 153



0, 22, 26

Inverse Universe

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



181, 79, 161



235, 75, 203



181, 79, 110



89, 80, 87



153, 0, 122



26, 0, 20

Previews

White Background



This preview shows how the RYB color 79, 164, 181 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, 164, 181 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, 164, 181 Background



This preview shows how black text looks on a background with the RYB color 79, 164, 181.

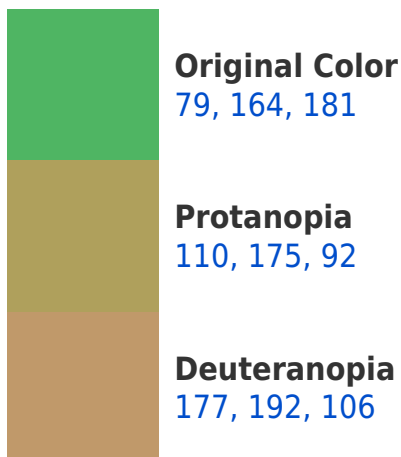


This preview shows how white text looks on a background with the RYB color 79, 164, 181.

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
101, 139, 185

Trichromacy



Original Color

79, 164, 181



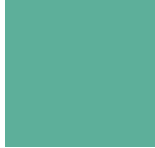
Protanomaly

95, 168, 123



Deuteranomaly

104, 163, 116



Tritanomaly

93, 140, 175

Monochromacy



Original Color

79, 164, 181



Achromatopsia

141, 141, 141



Achromatomaly

118, 149, 156

CSS Examples

Text

The CSS property to change the color of the text to RYB 79, 164, 181 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, 181, 99)` looks like.

```
.text, #text, p{  
    color:rgb(79, 181, 99)  
}
```

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, 181, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 181, 99) }
```

Border

The CSS property to change the border of an element to RYB 79, 164, 181 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, 181, 99) }
```

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

```
.border{ border-color:rgb(79, 181, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 181, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 181, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 181, 99);  
box-shadow:4px 4px 4px 4px rgb(79, 181,  
99) }
```

Background

The CSS property to change the background color of an element to RGB 79, 164, 181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 181, 99) }
```

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

```
.background{ background-color: rgb(79, 181,  
99) }
```

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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