

Converting Colors

`RYB(73, 167, 181)`

Have a look what the booklet for
RYB(73, 167, 181) contains.

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Color

R_YB(73, 167, 181)

Conversions

Conversions Part 1

Format	Color
Hex	49B559
RGB	73, 181, 89
RGB Percent	29%, 71%, 35%
CMY	0.7137, 0.2902, 0.6506
CMYK	0.60, 0.00, 0.51, 0.29
HSL	129°, 43%, 50%
HSV	129°, 60%, 71%
XYZ	21.0783, 35.1869, 15.1508
YIQ	138.2200, -34.8360, -51.5080

Conversions

Conversions Part 2

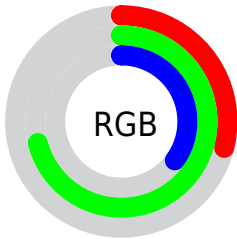
Format	Color
RYB	73, 167, 181
Decimal	4830553
CIELab	65.89, -50.34, 37.56
CIELCh	66, 62.811, 143.277
Yxy	35.1869, 0.2951, 0.4927
Android (android.graphics.Color)	4283020633 (0xFF49B559)
YUV	138.2200, -24.2655, -57.1979
Hunter-Lab	59.3186, -40.3792, 26.3795

Details

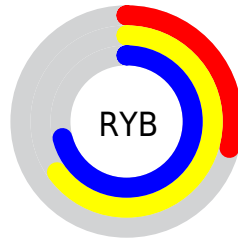
The RYB color **73, 167, 181** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **181, 73, 165**, and the grayscale version is **138, 138, 138**.

A 20% lighter version of the original color is **131, 229, 238**, and **0, 97, 127** is the 20% darker color. If you saturate the color by 10%, you get **55, 164, 181**, and if you desaturate by 10%, it is **91, 170, 181**.

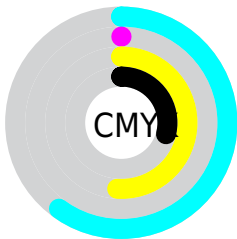
Distribution



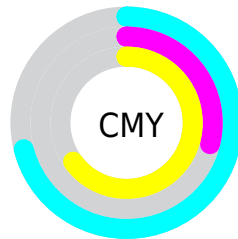
- Red (29%)
- Green (71%)
- Blue (35%)



- Red (29%)
- Yellow (65%)
- Blue (71%)



- Cyan (60%)
- Magenta (0%)
- Yellow (51%)
- Black (29%)





- Cyan (71%)
- Magenta (29%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the RYB color 73, 167, 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 73, 167, 181 by changing the saturation by 10% instead.

 73, 167, 181

 73, 167, 181

255, 255, 255

 40, 134, 154

 131, 229, 238

 0, 97, 127

 160, 248, 255

 0, 89, 101

 189, 250, 255

 0, 76, 76


 218, 250, 255

 0, 52, 52


 248, 252, 255


 0, 29, 29

 0, 0, 0

 73, 167, 181

 73, 167, 181

 55, 164, 181

 91, 170, 181

■ 37, 163, 181

■ 109, 171, 181

■ 19, 160, 181

■ 127, 174, 181

■ 1, 158, 181

■ 145, 176, 181

■ 0, 158, 181

■ 164, 179, 181

■ 182, 181, 182

■ 200, 181, 197

■ 218, 181, 212

■ 236, 181, 228

Harmonies

Analogous

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



46, 170, 69



73, 167, 181



0, 105, 186

Triad

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



73, 167, 181



0, 102, 255



255, 111, 119

Complementary

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



73, 167, 181



181, 73, 165

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, 108, 175



73, 167, 181



138, 149, 255

Square

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



73, 167, 181



0, 105, 250



216, 126, 228



241, 165, 70

Rectangle

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



73, 167, 181



0, 94, 187



216, 126, 228



255, 107, 137

Sweetspot

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



73, 167, 181



192, 229, 235



73, 181, 87



91, 114, 117



245, 245, 245



117, 117, 117

Same Dimension

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



73, 167, 181



66, 213, 235



73, 139, 181



80, 87, 89



0, 133, 153



0, 23, 26

Inverse Universe

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



181, 73, 165



235, 66, 209



181, 73, 113



89, 80, 88



153, 0, 130



26, 0, 22

Previews

White Background



This preview shows how the RYB color 73, 167, 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 73, 167, 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 73, 167, 181 Background



This preview shows how black text looks on a background with the RYB color 73, 167, 181.

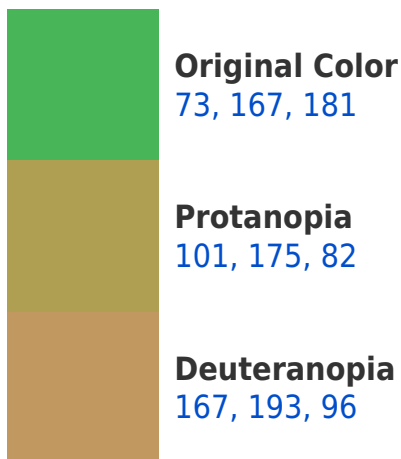


This preview shows how white text looks on a background with the RYB color 73, 167, 181.

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
98, 137, 184

Trichromacy



Original Color

73, 167, 181



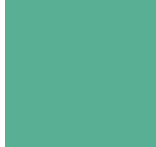
Protanomaly

85, 167, 114



Deuteranomaly

93, 163, 107



Tritanomaly

89, 140, 175

Monochromacy



Original Color

73, 167, 181



Achromatopsia

138, 138, 138



Achromatomaly

114, 149, 154

CSS Examples

Text

The CSS property to change the color of the text to RYB 73, 167, 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(73, 181, 89)` looks like.

```
.text, #text, p{  
    color:rgb(73, 181, 89)  
}
```

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(73, 181, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 181, 89) }
```

Border

The CSS property to change the border of an element to RYB 73, 167, 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(73, 181, 89) }
```

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

```
.border{ border-color:rgb(73, 181, 89) }
```

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

Here you see how a box with a 4 pixel rgb(73, 181, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 181, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 181, 89);  
box-shadow:4px 4px 4px 4px rgb(73, 181,  
89) }
```

Background

The CSS property to change the background color of an element to RGB 73, 167, 181 is called "background".

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

```
.background, #background, body{  
background: rgb(73, 181, 89) }
```

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

```
.background{ background-color: rgb(73, 181,  
89) }
```

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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