

Converting Colors

`RYB(101, 173, 189)`

Have a look what the booklet for
RYB(101, 173, 189) contains.

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Color

R_YB(101, 173, 189)

Conversions

Conversions Part 1

Format	Color
Hex	65BD79
RGB	101, 189, 121
RGB Percent	40%, 74%, 47%
CMY	0.6039, 0.2588, 0.5272
CMYK	0.47, 0.00, 0.36, 0.26
HSL	133°, 40%, 57%
HSV	133°, 47%, 74%
XYZ	26.9884, 40.5315, 24.3475
YIQ	154.9360, -30.6200, -39.8040

Conversions

Conversions Part 2

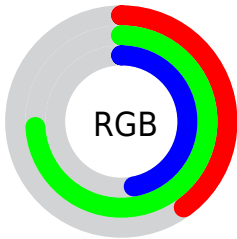
Format	Color
RYB	101, 173, 189
Decimal	6667641
CIELab	69.85, -41.39, 26.62
CIElCh	70, 49.211, 147.256
Yxy	40.5315, 0.2938, 0.4412
Android (android.graphics.Color)	4284857721 (0xFF65BD79)
YUV	154.9360, -16.7304, -47.3019
Hunter-Lab	63.6643, -35.7434, 21.8904

Details

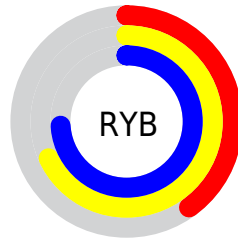
The RYB color **101, 173, 189** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **189, 101, 169**, and the grayscale version is **155, 155, 155**.

A 20% lighter version of the original color is **156, 231, 246**, and **44, 114, 135** is the 20% darker color. If you saturate the color by 10%, you get **82, 169, 189**, and if you desaturate by 10%, it is **120, 177, 189**.

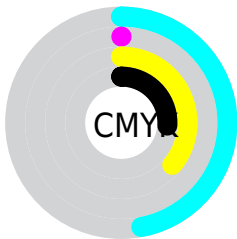
Distribution



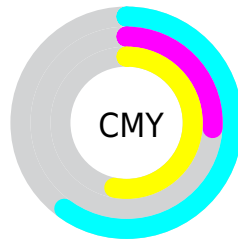
- Red (40%)
- Green (74%)
- Blue (47%)



- Red (40%)
- Yellow (68%)
- Blue (74%)



- Cyan (47%)
- Magenta (0%)
- Yellow (36%)
- Black (26%)




- Cyan (60%)
- Magenta (26%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RYB color 101, 173, 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 101, 173, 189 by changing the saturation by 10% instead.

 101, 173, 189


255, 255, 255


 156, 232, 246


 185, 242, 255

 213, 243, 255


 243, 249, 255

 101, 173, 189


 73, 144, 162

 44, 114, 135

 2, 77, 109


 0, 65, 84


 0, 59, 60


 0, 39, 39


 0, 0, 0

 101, 173, 189


 82, 169, 189


 101, 173, 189


 120, 177, 189

 63, 166, 189

 139, 180, 189

 44, 163, 189

 158, 183, 189


 25, 159, 189

 177, 187, 189

 7, 156, 189

 196, 189, 194

 0, 155, 189

 214, 189, 209

 233, 189, 223

 252, 189, 238

 255, 189, 253

Harmonies

Analogous

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



88, 180, 112



101, 173, 189



0, 104, 193

Triad

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



101, 173, 189



81, 143, 255



254, 137, 132

Complementary

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



101, 173, 189



189, 101, 169

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.



251, 134, 177



101, 173, 189



168, 161, 250

Square

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



101, 173, 189



0, 106, 245



222, 144, 220



235, 187, 96

Rectangle

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



101, 173, 189



0, 97, 196



222, 144, 220



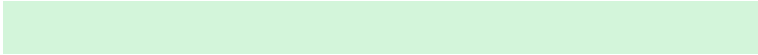
255, 134, 147

Sweetspot

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



101, 173, 189



211, 239, 245



101, 189, 120



102, 119, 122



250, 250, 250



122, 122, 122

Same Dimension

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



101, 173, 189



108, 220, 245



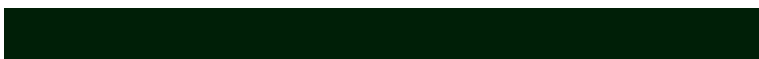
101, 152, 189



85, 92, 94



0, 129, 158



0, 25, 31

Inverse Universe

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



189, 101, 169



245, 108, 214



189, 101, 126



94, 85, 92



158, 0, 123



31, 0, 24

Previews

White Background



This preview shows how the RYB color 101, 173, 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 101, 173, 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](#).

RYB 101, 173, 189 Background



This preview shows how black text looks on a background with the RYB color 101, 173, 189.

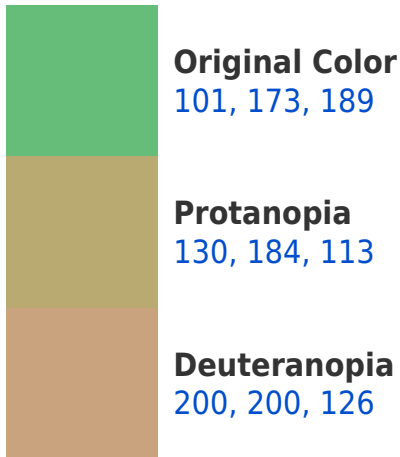


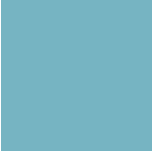
This preview shows how white text looks on a background with the RYB color 101, 173, 189.

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
118, 152, 194

Trichromacy



Original Color

101, 173, 189



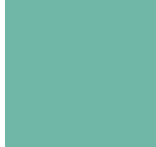
Protanomaly

116, 177, 139



Deuteranomaly

124, 172, 132



Tritanomaly

112, 152, 183

Monochromacy



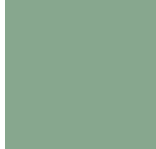
Original Color

101, 173, 189



Achromatopsia

155, 155, 155



Achromatomaly

135, 161, 167

CSS Examples

Text

The CSS property to change the color of the text to RYB 101, 173, 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(101, 189, 121)` looks like.

```
.text, #text, p{  
    color:rgb(101, 189, 121)  
}
```

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(101, 189, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 189, 121) }
```

Border

The CSS property to change the border of an element to RYB 101, 173, 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(101, 189, 121) }
```

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

```
.border{ border-color:rgb(101, 189, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 189, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 189, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 189, 121);  
box-shadow:4px 4px 4px 4px rgb(101, 189,  
121) }
```

Background

The CSS property to change the background color of an element to RYB 101, 173, 189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 189, 121) }
```

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

```
.background{ background-color: rgb(101,  
189, 121) }
```

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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