

Converting Colors

`RYB(105, 146, 177)`

Have a look what the booklet for
RYB(105, 146, 177) contains.

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Color

R_YB(105, 146, 177)

Conversions

Conversions Part 1

Format	Color
Hex	69B19F
RGB	105, 177, 159
RGB Percent	41%, 69%, 62%
CMY	0.5882, 0.3059, 0.3747
CMYK	0.41, 0.00, 0.10, 0.31
HSL	165°, 32%, 55%
HSV	165°, 41%, 69%
XYZ	27.8440, 36.9660, 38.6686
YIQ	153.4200, -37.1340, -20.8620

Conversions

Conversions Part 2

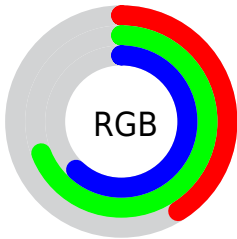
Format	Color
RYB	105, 146, 177
Decimal	6926751
CIELab	67.25, -26.77, 1.90
CIElCh	67, 26.837, 175.930
Yxy	36.9660, 0.2691, 0.3572
Android (android.graphics.Color)	4285116831 (0xFF69B19F)
YUV	153.4200, 2.7509, -42.4643
Hunter-Lab	60.7997, -24.6530, 4.8513

Details

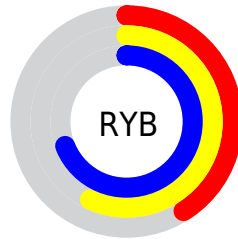
The RYB color **105, 146, 177** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **177, 105, 123**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **159, 201, 233**, and **51, 92, 124** is the 20% darker color. If you saturate the color by 10%, you get **87, 138, 177**, and if you desaturate by 10%, it is **123, 154, 177**.

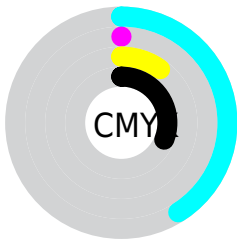
Distribution



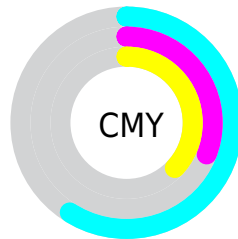
- Red (41%)
- Green (69%)
- Blue (62%)



- Red (41%)
- Yellow (57%)
- Blue (69%)



- Cyan (41%)
- Magenta (0%)
- Yellow (10%)
- Black (31%)



- Cyan (59%)
- Magenta (31%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RYB color 105, 146, 177 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 105, 146, 177 by changing the saturation by 10% instead.

■ 105, 146, 177

255, 255, 255

■ 159, 201, 233

■ 187, 225, 255

■ 216, 236, 255

■ 245, 250, 255

■ 105, 146, 177

■ 78, 119, 150

■ 51, 92, 124

■ 21, 64, 99

■ 0, 41, 75

■ 0, 29, 51

■ 0, 20, 32

■ 0, 0, 0

■ 105, 146, 177

■ 87, 138, 177

■ 105, 146, 177

■ 123, 154, 177

■ 70, 131, 177

■ 140, 161, 177

■ 52, 123, 177

■ 158, 169, 177

■ 34, 115, 177

■ 176, 177, 177

■ 16, 108, 177

■ 194, 177, 181

■ 0, 101, 177

■ 211, 177, 185

■ 229, 177, 190

■ 247, 177, 194

■ 255, 177, 198

Harmonies

Analogous

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



131, 170, 174



105, 146, 177



90, 135, 184

Triad

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



105, 146, 177



163, 159, 207



203, 169, 125

Complementary

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



105, 146, 177



177, 105, 123

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.



212, 147, 144



105, 146, 177



192, 151, 191

Square

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



105, 146, 177



128, 155, 211



209, 146, 168



151, 184, 116

Rectangle

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



105, 146, 177



93, 139, 198



209, 146, 168



207, 159, 130

Sweetspot

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



105, 146, 177



202, 218, 230



105, 177, 159



99, 108, 115



242, 242, 242



115, 115, 115

Same Dimension

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



105, 146, 177



117, 181, 230



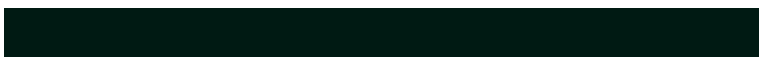
105, 136, 177



80, 85, 89



0, 87, 153



0, 15, 26

Inverse Universe

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



177, 105, 123



230, 117, 144



177, 129, 105



89, 80, 83



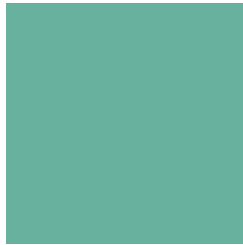
153, 0, 37



26, 0, 6

Previews

White Background



This preview shows how the RYB color 105, 146, 177 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 105, 146, 177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

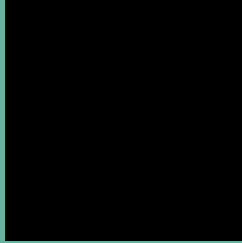
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

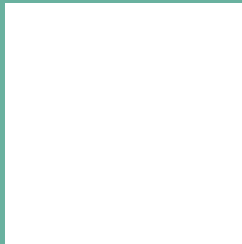
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 105, 146, 177 Background



This preview shows how black text looks on a background with the RYB color 105, 146, 177.

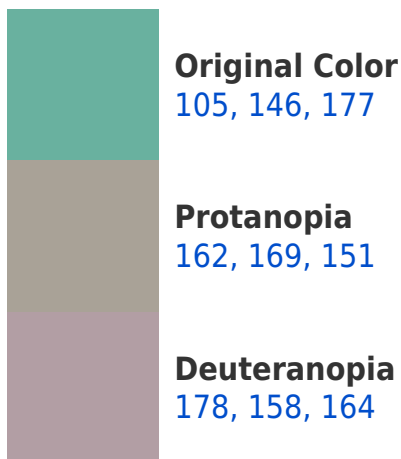


This preview shows how white text looks on a background with the RYB color 105, 146, 177.

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](#).

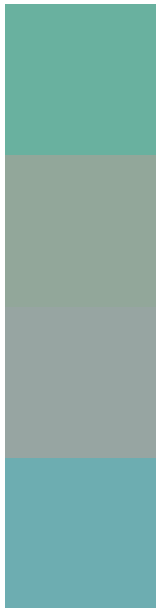
Dichromacy





Tritanopia
112, 146, 187

Trichromacy



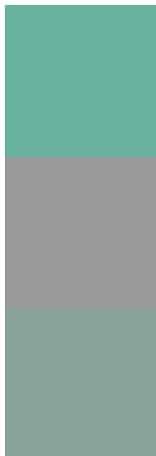
Original Color
105, 146, 177

Protanomaly
146, 161, 167

Deuteranomaly
151, 159, 165

Tritanomaly
109, 142, 177

Monochromacy



Original Color
105, 146, 177

Achromatopsia
153, 153, 153

Achromatomaly
136, 151, 162

CSS Examples

Text

The CSS property to change the color of the text to RYB 105, 146, 177 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(105, 177, 159)` looks like.

```
.text, #text, p{  
    color:rgb(105, 177, 159)  
}
```

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(105, 177, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 177, 159) }
```

Border

The CSS property to change the border of an element to RYB 105, 146, 177 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(105, 177, 159) }
```

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

```
.border{ border-color:rgb(105, 177, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 177, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 177, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 177, 159);  
box-shadow:4px 4px 4px 4px rgb(105, 177,  
159) }
```

Background

The CSS property to change the background color of an element to RYB 105, 146, 177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 177, 159) }
```

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

```
.background{ background-color: rgb(105,  
177, 159) }
```

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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