

Converting Colors

`RYB(61, 115, 177)`

Have a look what the booklet for
RYB(61, 115, 177) contains.

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Color

`RYB(61, 115, 177)`

Conversions

Conversions Part 1

Format	Color
Hex	3DA2B1
RGB	61, 162, 177
RGB Percent	24%, 64%, 69%
CMY	0.7608, 0.3646, 0.3059
CMYK	0.66, 0.08, 0.00, 0.31
HSL	188°, 49%, 47%
HSV	188°, 66%, 69%
XYZ	22.7863, 30.0185, 46.1881
YIQ	133.5110, -65.0110, -16.7470

Conversions

Conversions Part 2

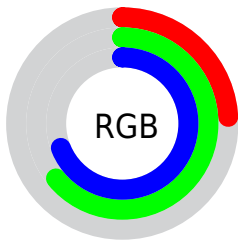
Format	Color
RYB	61, 115, 177
Decimal	4039345
CIELab	61.67, -24.18, -16.36
CIELCh	62, 29.191, 214.089
Yxy	30.0185, 0.2302, 0.3032
Android (android.graphics.Color)	4282229425 (0xFF3DA2B1)
YUV	133.5110, 21.4401, -63.5921
Hunter-Lab	54.7891, -21.6444, -11.6301




Details

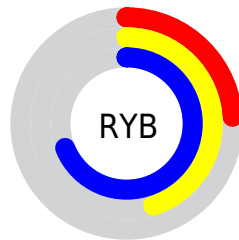
The RYB color **61, 115, 177** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **177, 78, 61**, and the grayscale version is **133, 133, 133**.




A 20% lighter version of the original color is **122, 173, 233**, and **0, 58, 124** is the 20% darker color. If you saturate the color by 10%, you get **43, 105, 177**, and if you desaturate by 10%, it is **79, 125, 177**.

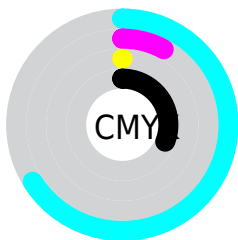
Distribution







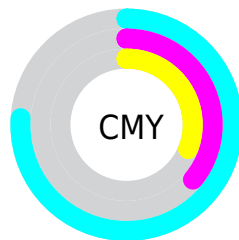
-  Red (24%)
-  Green (64%)
-  Blue (69%)






-  Red (24%)
-  Yellow (45%)
-  Blue (69%)



-  Cyan (66%)
-  Magenta (8%)
-  Yellow (0%)
-  Black (31%)



















-  Cyan (76%)
-  Magenta (36%)
-  Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 61, 115, 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 61, 115, 177 by changing the saturation by 10% instead.

 61, 115, 177	 61, 115, 177
 255, 255, 255	 19, 81, 150
 122, 173, 233	 0, 58, 124
 151, 201, 255	 0, 46, 99
 180, 218, 255	 0, 34, 76
 210, 233, 255	 0, 23, 53
 239, 247, 255	 0, 9, 32
	 0, 0, 5
	 0, 0, 0

 61, 115, 177	 61, 115, 177
--	--

■ 43, 105, 177

■ 79, 125, 177

■ 26, 96, 177

■ 96, 134, 177

■ 8, 87, 177

■ 114, 143, 177

■ 0, 82, 177

■ 132, 153, 177

■ 150, 162, 177

■ 167, 172, 177

■ 185, 178, 177

■ 203, 180, 177

■ 220, 184, 177

Harmonies

Analogous

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



76, 122, 163



61, 115, 177



81, 127, 195

Triad

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



61, 115, 177



185, 133, 172



116, 163, 97

Complementary

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



61, 115, 177



177, 78, 61

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.



186, 170, 103



61, 115, 177



199, 129, 146

Square

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



61, 115, 177



157, 141, 192



199, 134, 121



105, 156, 125

Rectangle

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



61, 115, 177



106, 137, 200



199, 134, 121



138, 172, 98

Sweetspot

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



61, 115, 177



184, 205, 230



61, 165, 177



87, 100, 115



242, 242, 242



115, 115, 115

Same Dimension

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



61, 115, 177



48, 133, 230



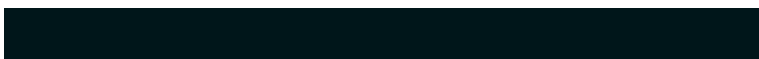
61, 93, 177



80, 84, 89



0, 71, 153



0, 12, 26

Inverse Universe

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



177, 61, 162



230, 48, 206



132, 177, 61



89, 80, 88



153, 0, 133



26, 0, 22

Previews

White Background



This preview shows how the RYB color 61, 115, 177 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 61, 115, 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](#).

RYP 61, 115, 177 Background



This preview shows how black text looks on a background with the RYP color 61, 115, 177.

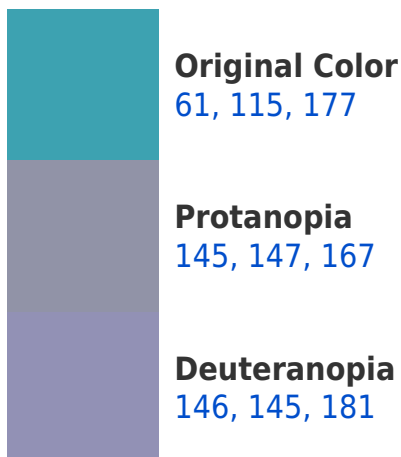


This preview shows how white text looks on a background with the RYP color 61, 115, 177.

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



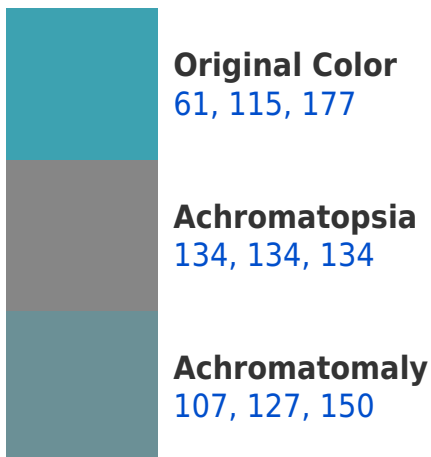


Tritanopia
60, 114, 175

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 61, 115, 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(61, 162, 177)` looks like.

```
.text, #text, p{  
    color:rgb(61, 162, 177)  
}
```

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(61, 162, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 162, 177) }
```

Border

The CSS property to change the border of an element to RYB 61, 115, 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(61, 162, 177) }
```

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

```
.border{ border-color:rgb(61, 162, 177) }
```

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

Here you see how a box with a 4 pixel rgb(61, 162, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 162, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 162, 177);  
box-shadow:4px 4px 4px 4px rgb(61, 162,  
177) }
```

Background

The CSS property to change the background color of an element to RGB 61, 162, 177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 162, 177) }
```

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

```
.background{ background-color: rgb(61, 162,  
177) }
```

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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