

Converting Colors

`RYB(67, 140, 177)`

Have a look what the booklet for
RYB(67, 140, 177) contains.

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Color

`RYB(67, 140, 177)`

Conversions

Conversions Part 1

Format	Color
Hex	43B17B
RGB	67, 177, 123
RGB Percent	26%, 69%, 48%
CMY	0.7373, 0.3059, 0.5186
CMYK	0.62, 0.00, 0.31, 0.31
HSL	150°, 45%, 48%
HSV	150°, 62%, 69%
XYZ	21.5966, 34.0615, 24.0943
YIQ	137.9540, -48.2260, -40.1140

Conversions

Conversions Part 2

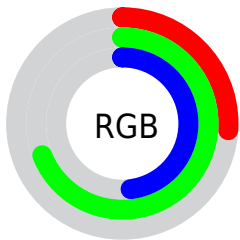
Format	Color
RYB	67, 140, 177
Decimal	4436347
CIELab	65.01, -44.08, 18.70
CIElCh	65, 47.884, 157.008
Yxy	34.0615, 0.2708, 0.4271
Android (android.graphics.Color)	4282626427 (0xFF43B17B)
YUV	137.9540, -7.3723, -62.2267
Hunter-Lab	58.3622, -36.0809, 16.3762

Details

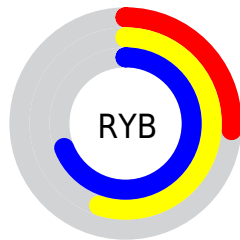
The RYB color **67, 140, 177** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **177, 67, 121**, and the grayscale version is **138, 138, 138**.

A 20% lighter version of the original color is **125, 198, 233**, and **0, 77, 123** is the 20% darker color. If you saturate the color by 10%, you get **49, 134, 177**, and if you desaturate by 10%, it is **85, 146, 177**.

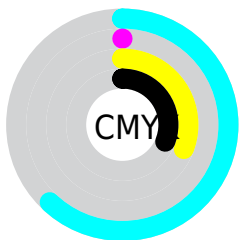
Distribution



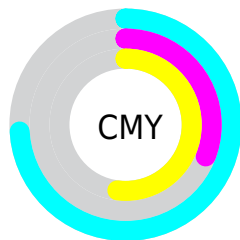
- Red (26%)
- Green (69%)
- Blue (48%)



- Red (26%)
- Yellow (55%)
- Blue (69%)



- Cyan (62%)
- Magenta (0%)
- Yellow (31%)
- Black (31%)




- Cyan (74%)
- Magenta (31%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RYB color 67, 140, 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 67, 140, 177 by changing the saturation by 10% instead.

 67, 140, 177

255, 255, 255


 125, 199, 233


 154, 222, 255

 183, 226, 255


 212, 234, 255

 242, 249, 255

 67, 140, 177

 32, 108, 150

 0, 77, 123


 0, 64, 98


 0, 52, 73


 0, 44, 49


 0, 26, 26

 0, 0, 0

 67, 140, 177

 49, 134, 177

 67, 140, 177

 85, 146, 177

■ 32, 128, 177

■ 102, 152, 177

■ 14, 122, 177

■ 120, 158, 177

■ 0, 117, 177

■ 138, 164, 177

■ 156, 170, 177

■ 173, 176, 177

■ 191, 177, 184

■ 209, 177, 193

■ 226, 177, 201

Harmonies

Analogous

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



87, 170, 129



67, 140, 177



0, 93, 180

Triad

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



67, 140, 177



102, 143, 243



233, 133, 108

Complementary

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



67, 140, 177



177, 67, 121

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.



238, 121, 149



67, 140, 177



174, 143, 226

Square

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



67, 140, 177



0, 99, 236



219, 127, 192



210, 208, 79

Rectangle

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



67, 140, 177



0, 93, 195



219, 127, 192



237, 125, 121

Sweetspot

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



67, 140, 177



186, 215, 230



67, 177, 122



88, 106, 115



242, 242, 242



115, 115, 115

Same Dimension

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



67, 140, 177



57, 172, 230



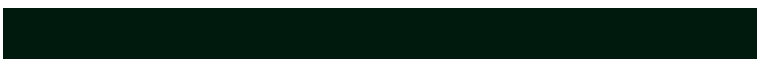
67, 122, 177



80, 86, 89



0, 101, 153



0, 17, 26

Inverse Universe

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



177, 67, 121



230, 57, 142



177, 67, 67



89, 80, 85



153, 0, 75



26, 0, 13

Previews

White Background



This preview shows how the RYB color 67, 140, 177 looks on a white background.

Color Contrast Check

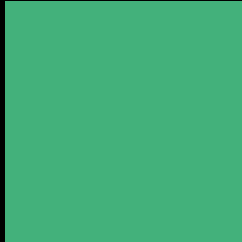
Large Text (above 18pt) WCAG AA × Fail

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 67, 140, 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 67, 140, 177 Background



This preview shows how black text looks on a background with the RYB color 67, 140, 177.

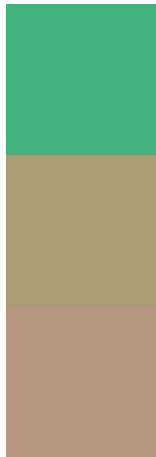


This preview shows how white text looks on a background with the RYB color 67, 140, 177.

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



Original Color
67, 140, 177

Protanopia
129, 168, 114

Deuteranopia
181, 167, 129



Tritanopia
87, 131, 183

Trichromacy



Original Color

67, 140, 177



Protanomaly

117, 164, 150



Deuteranomaly

127, 160, 147



Tritanomaly

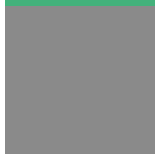
80, 129, 172

Monochromacy



Original Color

67, 140, 177



Achromatopsia

138, 138, 138



Achromatomaly

112, 139, 152

CSS Examples

Text

The CSS property to change the color of the text to RYB 67, 140, 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(67, 177, 123)` looks like.

```
.text, #text, p{  
    color:rgb(67, 177, 123)  
}
```

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(67, 177, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 177, 123) }
```

Border

The CSS property to change the border of an element to RYB 67, 140, 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(67, 177, 123) }
```

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

```
.border{ border-color:rgb(67, 177, 123) }
```

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

Here you see how a box with a 4 pixel rgb(67, 177, 123) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 177, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 177, 123);  
box-shadow:4px 4px 4px 4px rgb(67, 177,  
123) }
```

Background

The CSS property to change the background color of an element to RGB 67, 140, 177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 177, 123) }
```

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

```
.background{ background-color: rgb(67, 177,  
123) }
```

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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