

Converting Colors

`RYB(111, 152, 182)`

Have a look what the booklet for
RYB(111, 152, 182) contains.

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Color

R_YB(111, 152, 182)

Conversions

Conversions Part 1

Format	Color
Hex	6FB6A3
RGB	111, 182, 163
RGB Percent	44%, 71%, 64%
CMY	0.5647, 0.2863, 0.3610
CMYK	0.39, 0.00, 0.10, 0.29
HSL	164°, 33%, 57%
HSV	164°, 39%, 71%
XYZ	29.8900, 39.4780, 40.6721
YIQ	158.6050, -36.2170, -20.9610

Conversions

Conversions Part 2

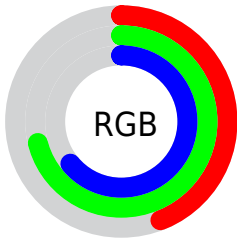
Format	Color
RYB	111, 152, 182
Decimal	7321251
CIELab	69.10, -26.78, 2.68
CIElCh	69, 26.912, 174.285
Yxy	39.4780, 0.2716, 0.3588
Android (android.graphics.Color)	4285511331 (0xFF6FB6A3)
YUV	158.6050, 2.1667, -41.7496
Hunter-Lab	62.8315, -25.0398, 5.6025

Details

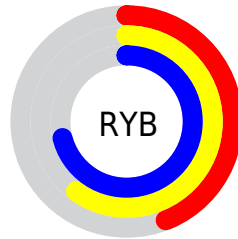
The RYB color **111, 152, 182** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **182, 111, 130**, and the grayscale version is **159, 159, 159**.

A 20% lighter version of the original color is **165, 207, 238**, and **58, 99, 129** is the 20% darker color. If you saturate the color by 10%, you get **93, 144, 182**, and if you desaturate by 10%, it is **129, 160, 182**.

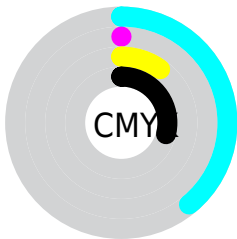
Distribution



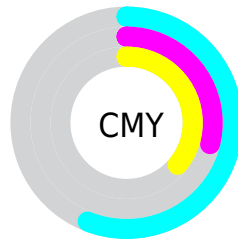
- Red (44%)
- Green (71%)
- Blue (64%)



- Red (44%)
- Yellow (60%)
- Blue (71%)



- Cyan (39%)
- Magenta (0%)
- Yellow (10%)
- Black (29%)




- Cyan (56%)
- Magenta (29%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 111, 152, 182 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 111, 152, 182 by changing the saturation by 10% instead.

 111, 152, 182


255, 255, 255


 165, 207, 238

 194, 227, 255

 222, 239, 255

 251, 253, 255

 111, 152, 182

 84, 125, 155

 58, 99, 129

 29, 70, 103


 0, 44, 79


 0, 31, 55


 0, 22, 35

 0, 0, 0

 111, 152, 182

 93, 144, 182

 111, 152, 182

 129, 160, 182

■ 75, 137, 182

■ 147, 167, 182

■ 56, 129, 182

■ 166, 175, 182

■ 38, 121, 182

■ 184, 182, 182

■ 20, 113, 182

■ 202, 182, 187

■ 2, 106, 182

■ 220, 182, 192

■ 0, 105, 182

■ 238, 182, 197

■ 255, 182, 202

■ 255, 182, 207

Harmonies

Analogous

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



137, 176, 179



111, 152, 182



95, 140, 188

Triad

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



111, 152, 182



166, 164, 213



209, 171, 130

Complementary

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



111, 152, 182



182, 111, 130

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.



218, 152, 150



111, 152, 182



195, 156, 197

Square

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



111, 152, 182



131, 159, 217



214, 151, 174



161, 191, 120

Rectangle

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



111, 152, 182



97, 143, 202



214, 151, 174



213, 161, 136

Sweetspot

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



111, 152, 182



209, 225, 237



111, 182, 162



103, 113, 120



247, 247, 247



120, 120, 120

Same Dimension

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



111, 152, 182



126, 190, 237



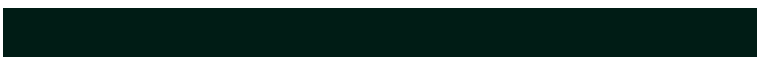
111, 142, 182



83, 88, 92



0, 90, 156



0, 16, 28

Inverse Universe

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



182, 111, 130



237, 126, 156



182, 130, 111



92, 83, 85



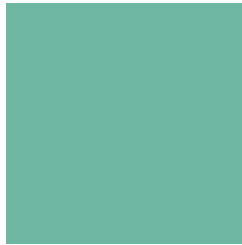
156, 0, 42



28, 0, 8

Previews

White Background



This preview shows how the RYB color 111, 152, 182 looks on a white background.

Color Contrast Check

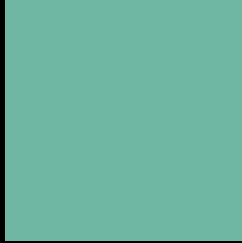
Large Text (above 18pt) WCAG AA × Fail

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 111, 152, 182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

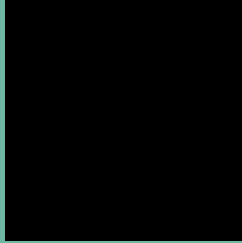
Any Text WCAG AA ✓ Pass

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 111, 152, 182 Background



This preview shows how black text looks on a background with the RYB color 111, 152, 182.

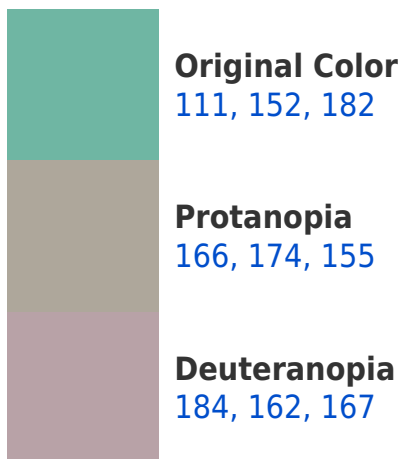


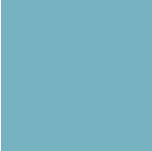
This preview shows how white text looks on a background with the RYB color 111, 152, 182.

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, 151, 192

Trichromacy



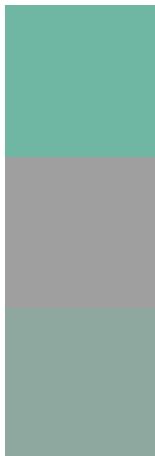
Original Color
111, 152, 182

Protanomaly
151, 167, 172

Deuteranomaly
157, 164, 169

Tritanomaly
115, 147, 181

Monochromacy



Original Color
111, 152, 182

Achromatopsia
159, 159, 159

Achromatomaly
142, 157, 167

CSS Examples

Text

The CSS property to change the color of the text to RYB 111, 152, 182 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(111, 182, 163)` looks like.

```
.text, #text, p{  
    color:rgb(111, 182, 163)  
}
```

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(111, 182, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 182, 163) }
```

Border

The CSS property to change the border of an element to RYB 111, 152, 182 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(111, 182, 163) }
```

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

```
.border{ border-color:rgb(111, 182, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 182, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 182, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 182, 163);  
box-shadow:4px 4px 4px 4px rgb(111, 182,  
163) }
```

Background

The CSS property to change the background color of an element to RYB 111, 152, 182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 182, 163) }
```

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

```
.background{ background-color: rgb(111,  
182, 163) }
```

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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