

Converting Colors

`RYB(110, 185, 182)`

Have a look what the booklet for
RYB(110, 185, 182) contains.

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Color

R_YB(110, 185, 182)

Conversions

Conversions Part 1

Format	Color
Hex	71B96E
RGB	113, 185, 110
RGB Percent	44%, 73%, 43%
CMY	0.5569, 0.2745, 0.5686
CMYK	0.39, 0.00, 0.41, 0.27
HSL	118°, 35%, 58%
HSV	118°, 41%, 73%
XYZ	26.9735, 39.3344, 20.9225
YIQ	154.9220, -18.8370, -38.5890

Conversions

Conversions Part 2

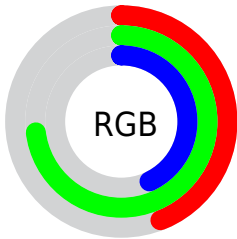
Format	Color
RYB	110, 185, 182
Decimal	7453038
CIELab	68.99, -37.77, 31.13
CIELCh	69, 48.946, 140.508
Yxy	39.3344, 0.3092, 0.4509
Android (android.graphics.Color)	4285643118 (0xFF71B96E)
YUV	154.9220, -22.1465, -36.7656
Hunter-Lab	62.7172, -32.9855, 24.1228

Details

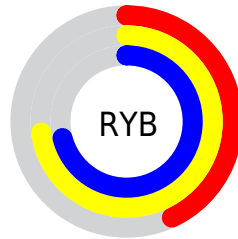
The RYB color **110, 185, 182** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **182, 110, 185**, and the grayscale version is **155, 155, 155**.

A 20% lighter version of the original color is **162, 242, 236**, and **60, 130, 131** is the 20% darker color. If you saturate the color by 10%, you get **92, 185, 182**, and if you desaturate by 10%, it is **129, 185, 183**.

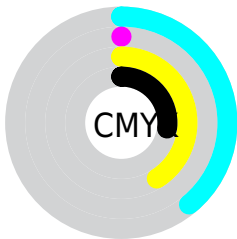
Distribution



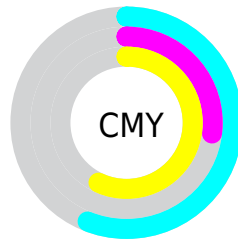
- Red (44%)
- Green (73%)
- Blue (43%)



- Red (43%)
- Yellow (73%)
- Blue (71%)



- Cyan (39%)
- Magenta (0%)
- Yellow (41%)
- Black (27%)



- Cyan (56%)
- Magenta (27%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the RYB color 110, 185, 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 110, 185, 182 by changing the saturation by 10% instead.

 110, 185, 182


255, 255, 255


 162, 242, 236


 190, 255, 249


 218, 255, 248

 246, 255, 247

 110, 185, 182

 85, 158, 157

 60, 130, 131

 31, 100, 106


 0, 70, 81


 0, 57, 57


 0, 37, 37


 0, 0, 0

 110, 185, 182


 92, 185, 182

 110, 185, 182


 129, 185, 183

 73, 185, 181


 147, 185, 183


 54, 185, 179

 165, 185, 184


 36, 185, 179

 184, 185, 185

 17, 185, 178

 202, 185, 203

 0, 185, 178

 220, 185, 221

 237, 185, 239

 255, 185, 255

Harmonies

Analogous

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



82, 175, 92



110, 185, 182



22, 117, 190

Triad

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



110, 185, 182



46, 127, 255



252, 133, 140

Complementary

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



110, 185, 182



182, 110, 185

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.



244, 133, 184



110, 185, 182



149, 161, 251

Square

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



110, 185, 182



0, 104, 236



209, 145, 225



238, 166, 101

Rectangle

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



110, 185, 182



0, 98, 191



209, 145, 225



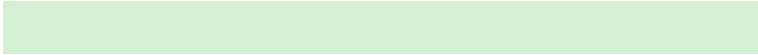
252, 131, 154

Sweetspot

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



110, 185, 182



211, 240, 239



114, 185, 110



103, 120, 119



247, 247, 247



120, 120, 120

Same Dimension

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



110, 185, 182



122, 240, 235



110, 162, 185



83, 92, 92



0, 156, 150



0, 28, 27

Inverse Universe

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



182, 110, 185



235, 122, 240



185, 110, 151



91, 83, 92



149, 0, 156



27, 0, 28

Previews

White Background



This preview shows how the RYB color 110, 185, 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 110, 185, 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 110, 185, 182 Background



This preview shows how black text looks on a background with the RYB color 110, 185, 182.

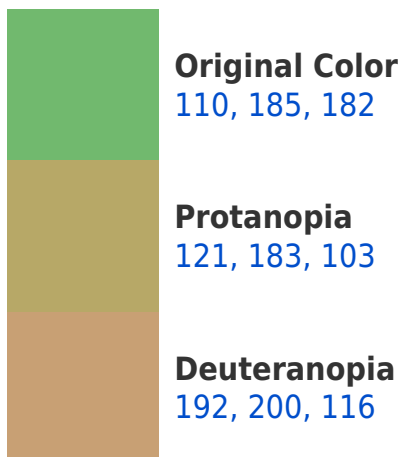


This preview shows how white text looks on a background with the RYB color 110, 185, 182.

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
128, 155, 190

Trichromacy



Original Color

110, 185, 182



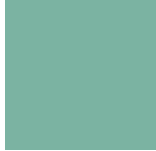
Protanomaly

106, 174, 122



Deuteranomaly

114, 169, 115



Tritanomaly

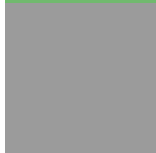
123, 156, 179

Monochromacy



Original Color

110, 185, 182



Achromatopsia

155, 155, 155



Achromatomaly

139, 166, 165

CSS Examples

Text

The CSS property to change the color of the text to RYB 110, 185, 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(113, 185, 110)` looks like.

```
.text, #text, p{  
    color:rgb(113, 185, 110)  
}
```

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(113, 185, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 185, 110) }
```

Border

The CSS property to change the border of an element to RYB 110, 185, 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(113, 185, 110) }
```

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

```
.border{ border-color:rgb(113, 185, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 185, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 185, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 185, 110);  
box-shadow:4px 4px 4px 4px rgb(113, 185,  
110) }
```

Background

The CSS property to change the background color of an element to RYB 110, 185, 182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 185, 110) }
```

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

```
.background{ background-color: rgb(113,  
185, 110) }
```

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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