

Converting Colors

`RYB(115, 179, 183)`

Have a look what the booklet for
RYB(115, 179, 183) contains.

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Color

R_YB(115, 179, 183)

Conversions

Conversions Part 1

Format	Color
Hex	73B777
RGB	115, 183, 119
RGB Percent	45%, 72%, 47%
CMY	0.5490, 0.2824, 0.5324
CMYK	0.37, 0.00, 0.35, 0.28
HSL	124°, 32%, 58%
HSV	124°, 37%, 72%
XYZ	27.3485, 38.8497, 23.5889
YIQ	155.3720, -19.9840, -34.3200

Conversions

Conversions Part 2

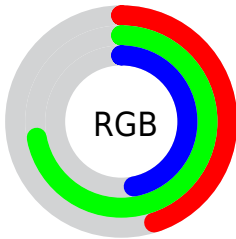
Format	Color
RYB	115, 179, 183
Decimal	7583607
CIELab	68.64, -34.75, 25.82
CIELCh	69, 43.286, 143.388
Yxy	38.8497, 0.3046, 0.4327
Android (android.graphics.Color)	4285773687 (0xFF73B777)
YUV	155.3720, -17.9314, -35.4062
Hunter-Lab	62.3296, -30.7557, 21.1921

Details

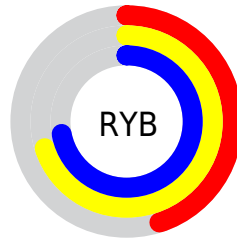
The RYB color **115, 179, 183** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **183, 115, 179**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **169, 236, 239**, and **62, 122, 129** is the 20% darker color. If you saturate the color by 10%, you get **97, 178, 183**, and if you desaturate by 10%, it is **133, 180, 183**.

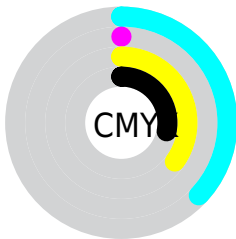
Distribution



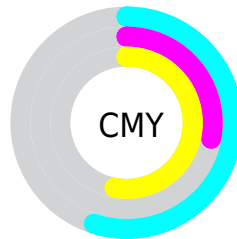
- Red (45%)
- Green (72%)
- Blue (47%)



- Red (45%)
- Yellow (70%)
- Blue (72%)



- Cyan (37%)
- Magenta (0%)
- Yellow (35%)
- Black (28%)



- Cyan (55%)
- Magenta (28%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RYB color 115, 179, 183 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 115, 179, 183 by changing the saturation by 10% instead.

 115, 179, 183


255, 255, 255


 169, 236, 239

 197, 253, 255

 226, 253, 255

 115, 179, 183

 89, 151, 156

 62, 122, 129

 35, 94, 104


 0, 61, 79

 0, 56, 56

 0, 36, 36

 0, 0, 0

 115, 179, 183

 97, 178, 183

 115, 179, 183

 133, 180, 183

■ 78, 176, 183

■ 152, 181, 183

■ 60, 175, 183

■ 170, 182, 183

■ 42, 175, 183

■ 188, 183, 188

■ 24, 174, 183

■ 207, 183, 205

■ 5, 173, 183

■ 225, 183, 222

■ 0, 173, 183

■ 243, 183, 239

■ 255, 183, 255

Harmonies

Analogous

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



94, 174, 107



115, 179, 183



52, 128, 187

Triad

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



115, 179, 183



86, 143, 245



242, 138, 138

Complementary

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



115, 179, 183



183, 115, 179

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.



236, 137, 178



115, 179, 183



158, 161, 239

Square

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



115, 179, 183



0, 102, 229



208, 146, 215



228, 170, 106

Rectangle

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



115, 179, 183



0, 95, 188



208, 146, 215



243, 136, 151

Sweetspot

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



115, 179, 183



211, 235, 237



115, 183, 118



104, 119, 120



247, 247, 247



120, 120, 120

Same Dimension

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



115, 179, 183



130, 230, 237



115, 159, 183



83, 92, 92



0, 147, 156



0, 26, 28

Inverse Universe

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



183, 115, 179



237, 130, 230



183, 115, 146



92, 83, 91



156, 0, 146



28, 0, 26

Previews

White Background



This preview shows how the RYB color 115, 179, 183 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 115, 179, 183 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 115, 179, 183 Background



This preview shows how black text looks on a background with the RYB color 115, 179, 183.



This preview shows how white text looks on a background with the RYB color 115, 179, 183.

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
[115, 179, 183](#)

Protanopia
[130, 181, 112](#)

Deuteranopia
[197, 195, 124](#)



Tritanopia
129, 155, 188

Trichromacy



Original Color
115, 179, 183

Protanomaly
115, 173, 131

Deuteranomaly
122, 168, 123

Tritanomaly
124, 155, 177

Monochromacy



Original Color
115, 179, 183

Achromatopsia
155, 155, 155

Achromatomaly
140, 163, 165

CSS Examples

Text

The CSS property to change the color of the text to RYB 115, 179, 183 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(115, 183, 119)` looks like.

```
.text, #text, p{  
    color:rgb(115, 183, 119)  
}
```

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(115, 183, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 183, 119) }
```

Border

The CSS property to change the border of an element to RYB 115, 179, 183 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(115, 183, 119) }
```

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

```
.border{ border-color:rgb(115, 183, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 183, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 183, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 183, 119);  
box-shadow:4px 4px 4px 4px rgb(115, 183,  
119) }
```

Background

The CSS property to change the background color of an element to RYB 115, 179, 183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 183, 119) }
```

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

```
.background{ background-color: rgb(115,  
183, 119) }
```

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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