

Converting Colors

`RYB(113, 160, 183)`

Have a look what the booklet for
RYB(113, 160, 183) contains.

RYB(113, 160, 183)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(113, 160, 183)

Conversions

Conversions Part 1

Format	Color
Hex	71B793
RGB	113, 183, 147
RGB Percent	44%, 72%, 58%
CMY	0.5569, 0.2824, 0.4225
CMYK	0.38, 0.00, 0.20, 0.28
HSL	149°, 33%, 58%
HSV	149°, 38%, 72%
XYZ	29.0301, 39.4923, 33.8017
YIQ	157.9660, -30.1640, -26.0360

Conversions

Conversions Part 2

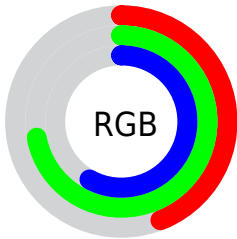
Format	Color
RYB	113, 160, 183
Decimal	7452563
CIELab	69.11, -30.11, 11.31
CIElCh	69, 32.169, 159.410
Yxy	39.4923, 0.2837, 0.3860
Android (android.graphics.Color)	4285642643 (0xFF71B793)
YUV	157.9660, -5.4062, -39.4352
Hunter-Lab	62.8429, -27.5176, 12.0994

Details

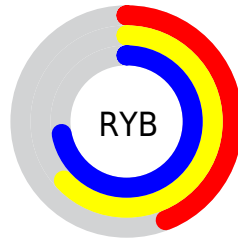
The RYB color **113, 160, 183** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **183, 113, 149**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **167, 216, 239**, and **60, 106, 130** is the 20% darker color. If you saturate the color by 10%, you get **95, 154, 183**, and if you desaturate by 10%, it is **131, 166, 183**.

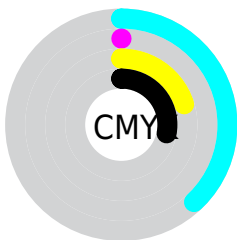
Distribution



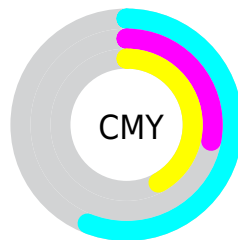
- Red (44%)
- Green (72%)
- Blue (58%)



- Red (44%)
- Yellow (63%)
- Blue (72%)



- Cyan (38%)
- Magenta (0%)
- Yellow (20%)
- Black (28%)



- Cyan (56%)
- Magenta (28%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RYB color 113, 160, 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 113, 160, 183 by changing the saturation by 10% instead.

 113, 160, 183

255, 255, 255


 167, 216, 239


 195, 233, 255

 224, 240, 255

253, 254, 255

 113, 160, 183

 87, 133, 156

 60, 106, 130

 33, 78, 104


 0, 49, 80

 0, 37, 56


 0, 31, 35


 0, 0, 0


 113, 160, 183


 95, 154, 183

 113, 160, 183


 131, 166, 183

 76, 148, 183


 150, 172, 183

 58, 142, 183

 168, 178, 183


 40, 136, 183

 186, 183, 185


 21, 129, 183

 205, 183, 194

 3, 124, 183

 223, 183, 203

 0, 123, 183

 241, 183, 213

 255, 183, 222

 255, 183, 231

Harmonies

Analogous

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



123, 178, 153



113, 160, 183



81, 135, 185

Triad

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



113, 160, 183



143, 162, 226



223, 156, 133

Complementary

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



113, 160, 183



183, 113, 149

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.



226, 147, 160



113, 160, 183



184, 158, 214

Square

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



113, 160, 183



99, 147, 223



213, 149, 190



206, 204, 115

Rectangle

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



113, 160, 183



69, 129, 196



213, 149, 190



226, 150, 142

Sweetspot

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



113, 160, 183



211, 228, 237



113, 183, 147



104, 115, 120



247, 247, 247



120, 120, 120

Same Dimension

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



113, 160, 183



128, 201, 237



113, 148, 183



83, 89, 92



0, 105, 156



0, 19, 28

Inverse Universe

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



183, 113, 149



237, 128, 184



183, 113, 114



92, 83, 87



156, 0, 79



28, 0, 14

Previews

White Background



This preview shows how the RYB color 113, 160, 183 looks on a white background.

Color Contrast Check

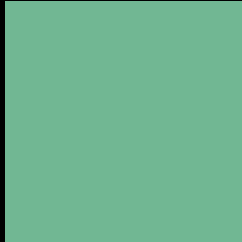
Large Text (above 18pt) WCAG AA × Fail

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 113, 160, 183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

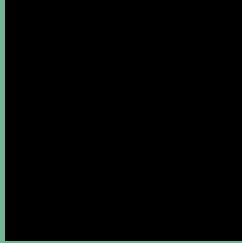
Any Text WCAG AA ✓ Pass

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 113, 160, 183 Background



This preview shows how black text looks on a background with the RYB color 113, 160, 183.

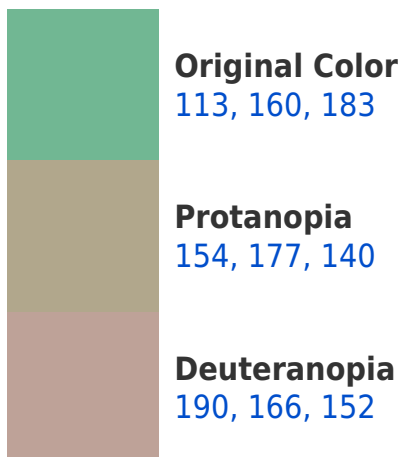


This preview shows how white text looks on a background with the RYB color 113, 160, 183.

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





Tritanopia
123, 153, 191

Trichromacy



Original Color
113, 160, 183

Protanomaly
143, 173, 162

Deuteranomaly
150, 170, 158

Tritanomaly
119, 150, 179

Monochromacy



Original Color
113, 160, 183

Achromatopsia
158, 158, 158

Achromatomaly
142, 159, 167

CSS Examples

Text

The CSS property to change the color of the text to RYB 113, 160, 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(113, 183, 147)` looks like.

```
.text, #text, p{  
    color:rgb(113, 183, 147)  
}
```

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, 183, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 183, 147) }
```

Border

The CSS property to change the border of an element to RYB 113, 160, 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(113, 183, 147) }
```

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

```
.border{ border-color:rgb(113, 183, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 183, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(113, 183, 147); -webkit-box-shadow:4px 4px 4px 4px rgb(113, 183, 147); box-shadow:4px 4px 4px 4px rgb(113, 183, 147) }
```

Background

The CSS property to change the background color of an element to RYB 113, 160, 183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 183, 147) }
```

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

```
.background{ background-color: rgb(113,  
183, 147) }
```

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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