

Converting Colors

`RYB(113, 183, 193)`

Have a look what the booklet for
RYB(113, 183, 193) contains.

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Color

R_YB(113, 183, 193)

Conversions

Conversions Part 1

Format	Color
Hex	71C17C
RGB	113, 193, 124
RGB Percent	44%, 76%, 49%
CMY	0.5569, 0.2431, 0.5120
CMYK	0.41, 0.00, 0.36, 0.24
HSL	129°, 39%, 60%
HSV	129°, 41%, 76%
XYZ	29.5453, 43.1167, 25.9764
YIQ	161.2140, -25.5310, -38.4190

Conversions

Conversions Part 2

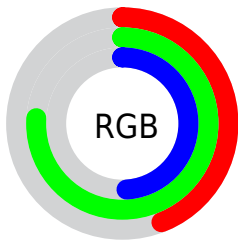
Format	Color
RYB	113, 183, 193
Decimal	7455100
CIELab	71.63, -39.03, 27.05
CIElCh	72, 47.488, 145.274
Yxy	43.1167, 0.2995, 0.4371
Android (android.graphics.Color)	4285645180 (0xFF71C17C)
YUV	161.2140, -18.3465, -42.2837
Hunter-Lab	65.6633, -34.5946, 22.5093

Details

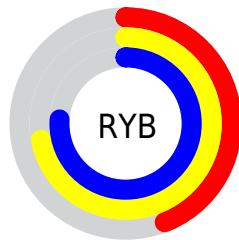
The RYB color **113, 183, 193** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **193, 113, 182**, and the grayscale version is **161, 161, 161**.

A 20% lighter version of the original color is **168, 242, 250**, and **59, 126, 139** is the 20% darker color. If you saturate the color by 10%, you get **94, 181, 193**, and if you desaturate by 10%, it is **132, 185, 193**.

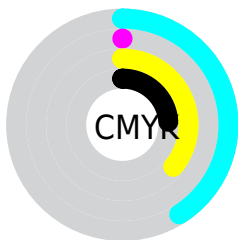
Distribution



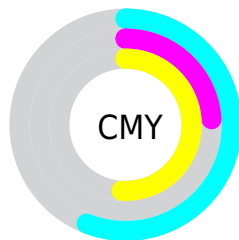
- Red (44%)
- Green (76%)
- Blue (49%)



- Red (44%)
- Yellow (72%)
- Blue (76%)



- Cyan (41%)
- Magenta (0%)
- Yellow (36%)
- Black (24%)



- Cyan (56%)
- Magenta (24%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 113, 183, 193 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, 183, 193 by changing the saturation by 10% instead.

 113, 183, 193


255, 255, 255


 168, 241, 250

 196, 247, 255


 225, 248, 255

 113, 183, 193

 86, 155, 166


 59, 126, 139

 29, 96, 113

 0, 67, 88

 0, 59, 64


 0, 42, 42

 0, 11, 11


 0, 0, 0

 113, 183, 193


 113, 183, 193


 94, 181, 193


 132, 185, 193


 74, 178, 193


 152, 188, 193

 55, 176, 193

 171, 190, 193


 36, 174, 193

 190, 192, 193

 16, 170, 193

 209, 193, 207

 0, 169, 193

 229, 193, 224

 248, 193, 240

 255, 193, 255

Harmonies

Analogous

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



95, 184, 114



113, 183, 193



25, 119, 197

Triad

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



113, 183, 193



87, 148, 255



255, 143, 141

Complementary

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



113, 183, 193



193, 113, 182

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.



252, 140, 184



113, 183, 193



169, 167, 254

Square

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



113, 183, 193



0, 108, 246



223, 151, 225



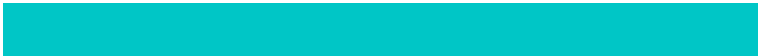
241, 184, 105

Rectangle

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



113, 183, 193



0, 99, 198



223, 151, 225



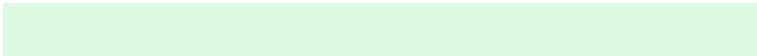
255, 140, 155

Sweetspot

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



113, 183, 193



220, 246, 250



113, 193, 124



107, 122, 125



252, 252, 252



125, 125, 125

Same Dimension

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



113, 183, 193



125, 234, 250



113, 162, 193



87, 95, 97



0, 141, 161



0, 29, 33

Inverse Universe

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



193, 113, 182



250, 125, 232



193, 113, 142



97, 87, 96



161, 0, 138



33, 0, 28

Previews

White Background



This preview shows how the RYB color 113, 183, 193 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, 183, 193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

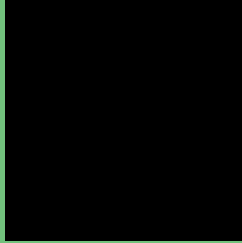
Any Text WCAG AA ✓ Pass

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, 183, 193 Background



This preview shows how black text looks on a background with the RYB color 113, 183, 193.

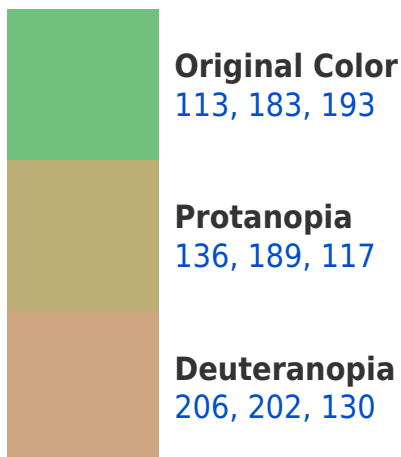


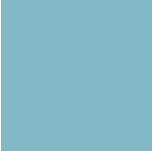
This preview shows how white text looks on a background with the RYB color 113, 183, 193.

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
129, 160, 199

Trichromacy



Original Color

113, 183, 193



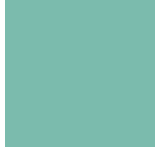
Protanomaly

120, 181, 140



Deuteranomaly

128, 176, 132



Tritanomaly

123, 159, 187

Monochromacy



Original Color

113, 183, 193



Achromatopsia

161, 161, 161



Achromatomaly

144, 169, 173

CSS Examples

Text

The CSS property to change the color of the text to RYB 113, 183, 193 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, 193, 124)` looks like.

```
.text, #text, p{  
    color:rgb(113, 193, 124)  
}
```

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, 193, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 193, 124) }
```

Border

The CSS property to change the border of an element to RYB 113, 183, 193 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, 193, 124) }
```

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

```
.border{ border-color:rgb(113, 193, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 193, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 193, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 193, 124);  
box-shadow:4px 4px 4px 4px rgb(113, 193,  
124) }
```

Background

The CSS property to change the background color of an element to RYB 113, 183, 193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 193, 124) }
```

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

```
.background{ background-color: rgb(113,  
193, 124) }
```

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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