

Converting Colors

`RYB(113, 147, 184)`

Have a look what the booklet for
RYB(113, 147, 184) contains.

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Color

R_YB(113, 147, 184)

Conversions

Conversions Part 1

Format	Color
Hex	71B2B8
RGB	113, 178, 184
RGB Percent	44%, 70%, 72%
CMY	0.5569, 0.3010, 0.2784
CMYK	0.39, 0.03, 0.00, 0.28
HSL	185°, 33%, 58%
HSV	185°, 39%, 72%
XYZ	31.4306, 38.9091, 51.2010
YIQ	159.2490, -40.6660, -11.9140

Conversions

Conversions Part 2

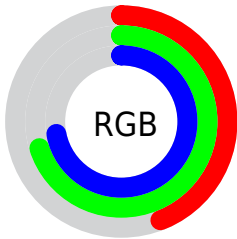
Format	Color
RYB	113, 147, 184
Decimal	7451320
CIELab	68.69, -19.26, -9.52
CIElCh	69, 21.486, 206.291
Yxy	38.9091, 0.2586, 0.3201
Android (android.graphics.Color)	4285641400 (0xFF71B2B8)
YUV	159.2490, 12.2022, -40.5604
Hunter-Lab	62.3771, -19.2173, -5.0030

Details

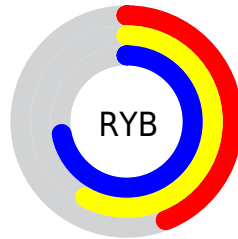
The RYB color **113, 147, 184** is a light color, and the websafe version is hex **669999**. A complement of this color would be **184, 120, 113**, and the grayscale version is **159, 159, 159**.

A 20% lighter version of the original color is **168, 202, 240**, and **59, 93, 131** is the 20% darker color. If you saturate the color by 10%, you get **95, 138, 184**, and if you desaturate by 10%, it is **131, 156, 184**.

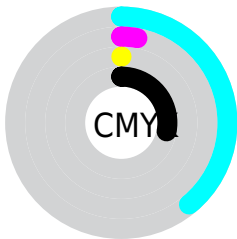
Distribution



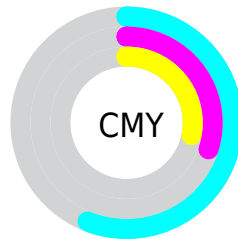
- Red (44%)
- Green (70%)
- Blue (72%)



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



- Cyan (39%)
- Magenta (3%)
- Yellow (0%)
- Black (28%)



- Cyan (56%)
- Magenta (30%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RYB color 113, 147, 184 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, 147, 184 by changing the saturation by 10% instead.

 113, 147, 184

255, 255, 255


 168, 202, 240

 196, 226, 255


 225, 240, 255


254, 255, 255

 113, 147, 184


 86, 120, 157

 59, 93, 131

 30, 66, 106

 0, 39, 82

 0, 28, 59

 0, 17, 37

 0, 1, 16

 0, 0, 0

 113, 147, 184

 113, 147, 184

95, 138, 184

131, 156, 184

76, 128, 184

150, 166, 184

58, 118, 184

168, 176, 184

39, 108, 184

187, 184, 184

21, 99, 184

205, 186, 184

3, 90, 184

223, 187, 184

0, 88, 184

242, 189, 184

255, 191, 184

255, 193, 184

Harmonies

Analogous

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



122, 155, 179



113, 147, 184



120, 152, 199

Triad

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



113, 147, 184



190, 157, 189



160, 185, 129

Complementary

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



113, 147, 184



184, 120, 113

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.



200, 172, 136



113, 147, 184



204, 154, 171

Square

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



113, 147, 184



168, 163, 202



208, 155, 151



132, 172, 140

Rectangle

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



113, 147, 184



133, 158, 205



208, 155, 151



182, 191, 130

Sweetspot

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



113, 147, 184



211, 225, 240



113, 179, 184



103, 111, 120



247, 247, 247



120, 120, 120

Same Dimension

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



113, 147, 184



129, 182, 240



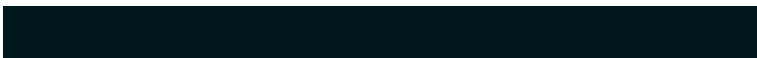
113, 135, 184



83, 87, 92



0, 75, 156



0, 13, 28

Inverse Universe

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



184, 113, 178



240, 129, 231



168, 184, 113



92, 83, 91



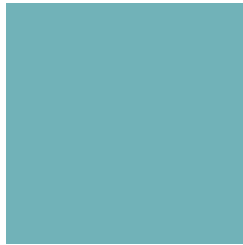
156, 0, 143



28, 0, 26

Previews

White Background



This preview shows how the RYB color 113, 147, 184 looks on a white background.

Color Contrast Check

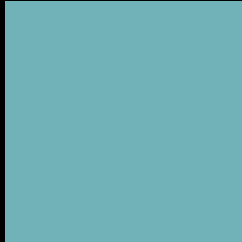
Large Text (above 18pt) WCAG AA × Fail

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, 147, 184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

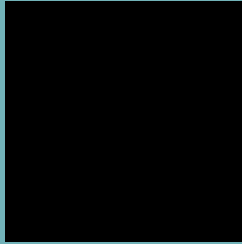
Any Text WCAG AA ✓ Pass

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, 147, 184 Background



This preview shows how black text looks on a background with the RYB color 113, 147, 184.

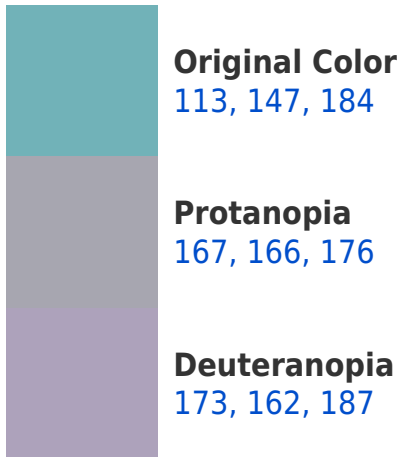


This preview shows how white text looks on a background with the RYB color 113, 147, 184.

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
115, 149, 191

Trichromacy



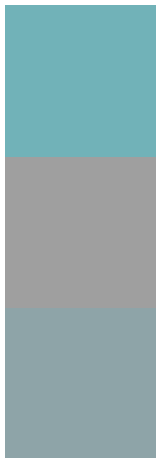
Original Color
113, 147, 184

Protanomaly
147, 160, 179

Deuteranomaly
151, 162, 186

Tritanomaly
114, 148, 188

Monochromacy



Original Color
113, 147, 184

Achromatopsia
159, 159, 159

Achromatomaly
142, 154, 168

CSS Examples

Text

The CSS property to change the color of the text to RYB 113, 147, 184 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, 178, 184)` looks like.

```
.text, #text, p{  
    color:rgb(113, 178, 184)  
}
```

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, 178, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 178, 184) }
```

Border

The CSS property to change the border of an element to RYB 113, 147, 184 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, 178, 184) }
```

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

```
.border{ border-color:rgb(113, 178, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 178, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 178, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 178, 184);  
box-shadow:4px 4px 4px 4px rgb(113, 178,  
184) }
```

Background

The CSS property to change the background color of an element to RYB 113, 147, 184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 178, 184) }
```

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

```
.background{ background-color: rgb(113,  
178, 184) }
```

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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