

Converting Colors

`RYB(127, 155, 187)`

Have a look what the booklet for
RYB(127, 155, 187) contains.

RYB(127, 155, 187)	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(127, 155, 187)

Conversions

Conversions Part 1

Format	Color
Hex	7FB4BB
RGB	127, 180, 187
RGB Percent	50%, 71%, 73%
CMY	0.5020, 0.2961, 0.2667
CMYK	0.32, 0.04, 0.00, 0.27
HSL	187°, 31%, 62%
HSV	187°, 32%, 73%
XYZ	33.9425, 40.5409, 53.0499
YIQ	164.9510, -33.8350, -9.0590

Conversions

Conversions Part 2

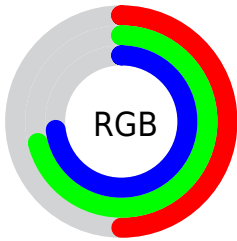
Format	Color
R_{YB}	127, 155, 187
Decimal	8369339
CIE _{Lab}	69.85, -15.32, -9.35
CIE _{LCh}	70, 17.950, 211.405
Yxy	40.5409, 0.2661, 0.3179
Android (android.graphics.Color)	4286559419 (0xFF7FB4BB)
YUV	164.9510, 10.8702, -33.2830
Hunter-Lab	63.6717, -16.2696, -4.8290

Details

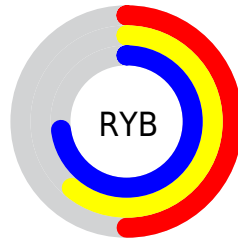
The RYB color **127, 155, 187** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **187, 136, 127**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **182, 211, 243**, and **75, 103, 134** is the 20% darker color. If you saturate the color by 10%, you get **108, 145, 187**, and if you desaturate by 10%, it is **146, 165, 187**.

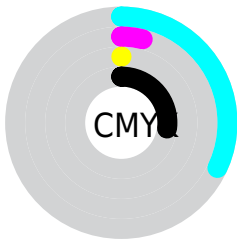
Distribution



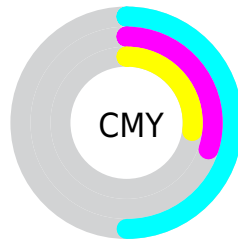
- Red (50%)
- Green (71%)
- Blue (73%)



- Red (50%)
- Yellow (61%)
- Blue (73%)



- Cyan (32%)
- Magenta (4%)
- Yellow (0%)
- Black (27%)



- Cyan (50%)
- Magenta (30%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 127, 155, 187 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 127, 155, 187 by changing the saturation by 10% instead.

 127, 155, 187


255, 255, 255


 182, 210, 243

 210, 233, 255


 239, 247, 255

 127, 155, 187


 101, 129, 160

 75, 103, 134

 49, 77, 109


 21, 51, 84


 0, 29, 61

 0, 18, 39

 0, 1, 19

 0, 0, 0

 127, 155, 187

 127, 155, 187

■ 108, 145, 187

■ 146, 165, 187

■ 90, 135, 187

■ 164, 175, 187

■ 71, 125, 187

■ 183, 185, 187

■ 52, 115, 187

■ 202, 189, 187

■ 34, 105, 187

■ 220, 192, 187

■ 15, 95, 187

■ 239, 195, 187

■ 0, 87, 187

■ 255, 197, 187

■ 255, 200, 187

■ 255, 205, 187

Harmonies

Analogous

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



132, 158, 180



127, 155, 187



135, 160, 199

Triad

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



127, 155, 187



193, 162, 187



156, 183, 138

Complementary

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



127, 155, 187



187, 136, 127

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.



197, 177, 143



127, 155, 187



203, 159, 170

Square

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



127, 155, 187



175, 166, 198



204, 161, 154



143, 175, 153

Rectangle

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



127, 155, 187



146, 165, 202



204, 161, 154



173, 188, 139

Sweetspot

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



127, 155, 187



218, 229, 242



127, 181, 187



108, 115, 122



250, 250, 250



122, 122, 122

Same Dimension

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



127, 155, 187



148, 192, 242



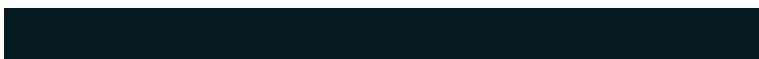
127, 144, 187



85, 89, 94



0, 74, 158



0, 14, 31

Inverse Universe

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



187, 127, 179



242, 148, 230



164, 187, 127



94, 85, 93



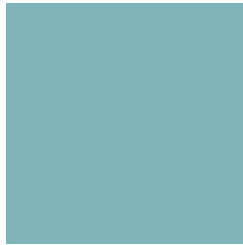
158, 0, 138



31, 0, 27

Previews

White Background



This preview shows how the RYB color 127, 155, 187 looks on a white background.

Color Contrast Check

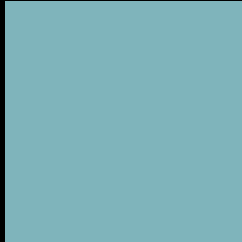
Large Text (above 18pt) WCAG AA × Fail

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 127, 155, 187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

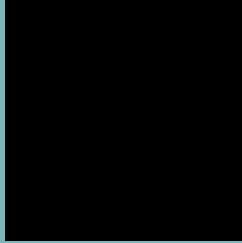
Any Text WCAG AA ✓ Pass

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 127, 155, 187 Background



This preview shows how black text looks on a background with the RYB color 127, 155, 187.

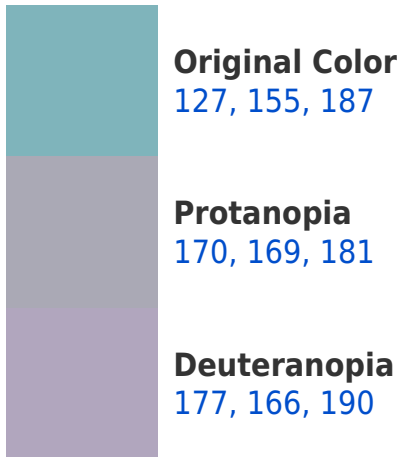


This preview shows how white text looks on a background with the RYB color 127, 155, 187.

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](#).

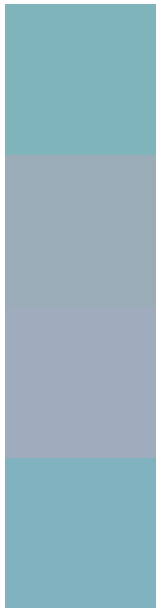
Dichromacy





Tritanopia
128, 157, 193

Trichromacy



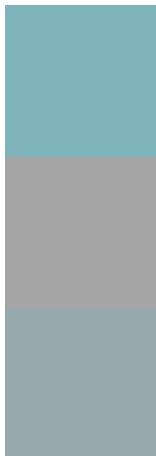
Original Color
127, 155, 187

Protanomaly
154, 165, 183

Deuteranomaly
159, 168, 189

Tritanomaly
128, 156, 191

Monochromacy



Original Color
127, 155, 187

Achromatopsia
165, 165, 165

Achromatomaly
151, 161, 173

CSS Examples

Text

The CSS property to change the color of the text to RYB 127, 155, 187 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(127, 180, 187)` looks like.

```
.text, #text, p{  
    color:rgb(127, 180, 187)  
}
```

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(127, 180, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 180, 187) }
```

Border

The CSS property to change the border of an element to RYB 127, 155, 187 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(127, 180, 187) }
```

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

```
.border{ border-color:rgb(127, 180, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 180, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 180, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 180, 187);  
box-shadow:4px 4px 4px 4px rgb(127, 180,  
187) }
```

Background

The CSS property to change the background color of an element to RYB 127, 155, 187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 180, 187) }
```

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

```
.background{ background-color: rgb(127,  
180, 187) }
```

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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