

Converting Colors

`RYB(124, 166, 187)`

Have a look what the booklet for
RYB(124, 166, 187) contains.

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Color

R_YB(124, 166, 187)

Conversions

Conversions Part 1

Format	Color
Hex	7CBB9C
RGB	124, 187, 156
RGB Percent	49%, 73%, 61%
CMY	0.5137, 0.2667, 0.3902
CMYK	0.34, 0.00, 0.17, 0.27
HSL	150°, 32%, 61%
HSV	150°, 34%, 73%
XYZ	32.0410, 42.2091, 37.6894
YIQ	164.6290, -27.5970, -22.9970

Conversions

Conversions Part 2

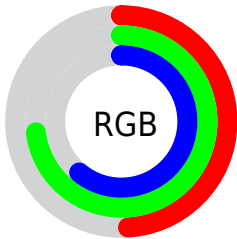
Format	Color
RYB	124, 166, 187
Decimal	8174492
CIELab	71.01, -27.08, 9.60
CIElCh	71, 28.731, 160.482
Yxy	42.2091, 0.2862, 0.3771
Android (android.graphics.Color)	4286364572 (0xFF7CBB9C)
YUV	164.6290, -4.2541, -35.6316
Hunter-Lab	64.9686, -25.6629, 11.0828

Details

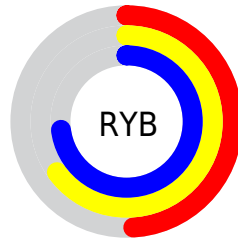
The RYB color **124, 166, 187** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **187, 124, 155**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **178, 221, 243**, and **72, 112, 133** is the 20% darker color. If you saturate the color by 10%, you get **105, 160, 187**, and if you desaturate by 10%, it is **143, 172, 187**.

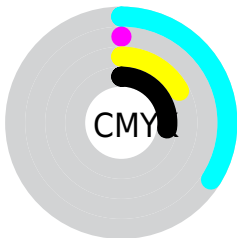
Distribution



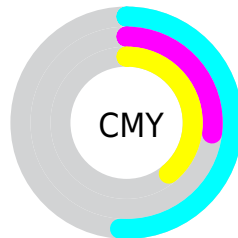
- Red (49%)
- Green (73%)
- Blue (61%)



- Red (49%)
- Yellow (65%)
- Blue (73%)



- Cyan (34%)
- Magenta (0%)
- Yellow (17%)
- Black (27%)




- Cyan (51%)
- Magenta (27%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RYB color 124, 166, 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 124, 166, 187 by changing the saturation by 10% instead.


 124, 166, 187


255, 255, 255


 178, 222, 243

 206, 236, 255


 235, 245, 255

 124, 166, 187

 98, 139, 160

 72, 112, 133

 46, 86, 108

 18, 59, 83

 0, 38, 60

 0, 27, 38


 0, 7, 7


 0, 0, 0


 124, 166, 187


 124, 166, 187


 105, 160, 187


 143, 172, 187


 87, 154, 187


 161, 178, 187


 68, 148, 187


 180, 184, 187

 49, 141, 187

 199, 187, 193


 30, 134, 187


 218, 187, 202


 12, 129, 187

 236, 187, 212

 0, 124, 187

 255, 187, 221

 255, 187, 230

 255, 187, 240

Harmonies

Analogous

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



133, 182, 161



124, 166, 187



99, 145, 188

Triad

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



124, 166, 187



154, 169, 225



223, 162, 141

Complementary

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



124, 166, 187



187, 124, 155

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, 155, 165



124, 166, 187



189, 164, 214

Square

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



124, 166, 187



117, 157, 222



215, 157, 192



208, 206, 125

Rectangle

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



124, 166, 187



92, 143, 199



215, 157, 192



226, 158, 149

Sweetspot

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



124, 166, 187



218, 234, 242



124, 187, 156



108, 117, 122



250, 250, 250



122, 122, 122

Same Dimension

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



124, 166, 187



145, 209, 242



124, 156, 187



85, 91, 94



0, 105, 158



0, 21, 31

Inverse Universe

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



187, 124, 155



242, 145, 194



187, 124, 124



94, 85, 90



158, 0, 79



31, 0, 15

Previews

White Background



This preview shows how the RYB color 124, 166, 187 looks on a white background.

Color Contrast Check

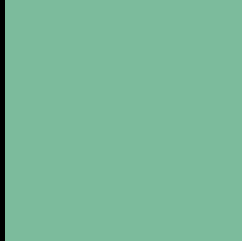
Large Text (above 18pt) WCAG AA × Fail

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 124, 166, 187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

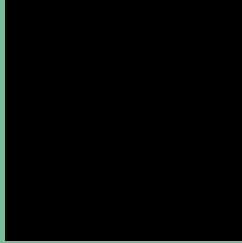
Any Text WCAG AA ✓ Pass

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](#).

RGB 124, 166, 187 Background



This preview shows how black text looks on a background with the RGB color 124, 166, 187.

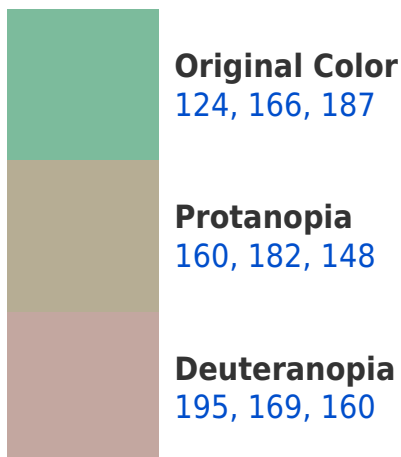


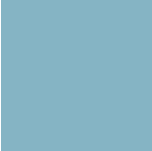
This preview shows how white text looks on a background with the RGB color 124, 166, 187.

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](#).

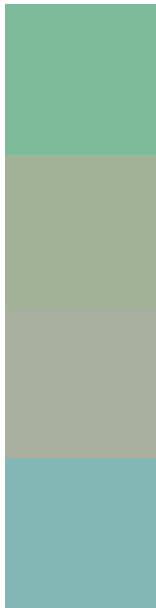
Dichromacy





Tritanopia
133, 160, 196

Trichromacy



Original Color
124, 166, 187

Protanomaly
151, 178, 168

Deuteranomaly
158, 174, 163

Tritanomaly
130, 157, 183

Monochromacy



Original Color
124, 166, 187

Achromatopsia
165, 165, 165

Achromatomaly
150, 165, 173

CSS Examples

Text

The CSS property to change the color of the text to RYB 124, 166, 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(124, 187, 156)` looks like.

```
.text, #text, p{  
    color:rgb(124, 187, 156)  
}
```

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(124, 187, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 187, 156) }
```

Border

The CSS property to change the border of an element to RYB 124, 166, 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(124, 187, 156) }
```

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

```
.border{ border-color:rgb(124, 187, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 187, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 187, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 187, 156);  
box-shadow:4px 4px 4px 4px rgb(124, 187,  
156) }
```

Background

The CSS property to change the background color of an element to RYB 124, 166, 187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 187, 156) }
```

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

```
.background{ background-color: rgb(124,  
187, 156) }
```

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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