

Converting Colors

`RYB(124, 166, 185)`

Have a look what the booklet for RYB(124, 166, 185) contains.

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Color

R_YB(124, 166, 185)

Conversions

Conversions Part 1

Format	Color
Hex	7CB998
RGB	124, 185, 152
RGB Percent	49%, 73%, 60%
CMY	0.5137, 0.2745, 0.4055
CMYK	0.33, 0.00, 0.18, 0.27
HSL	147°, 30%, 61%
HSV	147°, 33%, 73%
XYZ	31.2955, 41.2368, 35.8423
YIQ	162.9990, -25.7630, -23.1950

Conversions

Conversions Part 2

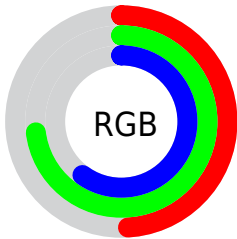
Format	Color
RYB	124, 166, 185
Decimal	8173976
CIELab	70.34, -26.90, 10.77
CIElCh	70, 28.974, 158.178
Yxy	41.2368, 0.2888, 0.3805
Android (android.graphics.Color)	4286364056 (0xFF7CB998)
YUV	162.9990, -5.4225, -34.2021
Hunter-Lab	64.2159, -25.3860, 11.8582

Details

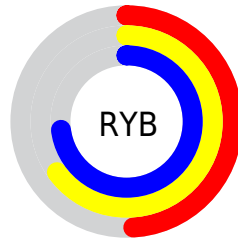
The RYB color **124, 166, 185** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **185, 124, 157**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **178, 222, 241**, and **72, 112, 132** is the 20% darker color. If you saturate the color by 10%, you get **106, 161, 185**, and if you desaturate by 10%, it is **143, 172, 185**.

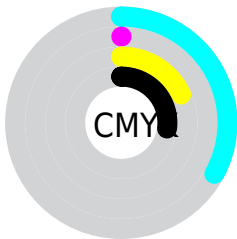
Distribution



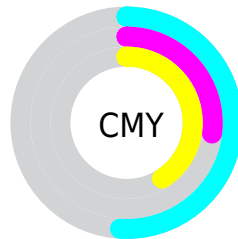
- Red (49%)
- Green (73%)
- Blue (60%)



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



- Cyan (33%)
- Magenta (0%)
- Yellow (18%)
- Black (27%)




- Cyan (51%)
- Magenta (27%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RYB color 124, 166, 185 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, 185 by changing the saturation by 10% instead.

 124, 166, 185


255, 255, 255


 178, 222, 241

 206, 237, 255

 235, 245, 255

 124, 166, 185

 98, 139, 158

 72, 112, 132

 47, 86, 106


 20, 60, 82


 0, 37, 58

 0, 28, 36

 0, 2, 2


 0, 0, 0


 124, 166, 185


 124, 166, 185


 106, 161, 185

 143, 172, 185

 87, 155, 185


 161, 177, 185


 69, 149, 185


 180, 184, 185


 50, 143, 185

 198, 185, 192

 32, 137, 185

 217, 185, 202

 13, 131, 185

 235, 185, 212

 0, 127, 185

 253, 185, 223

 255, 185, 233

 255, 185, 243

Harmonies

Analogous

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



130, 180, 155



124, 166, 185



98, 145, 187

Triad

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



124, 166, 185



149, 167, 224



222, 159, 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, 185



185, 124, 157

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.



224, 152, 166



124, 166, 185



185, 163, 213

Square

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



124, 166, 185



112, 154, 220



212, 155, 192



207, 201, 124

Rectangle

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



124, 166, 185



89, 140, 196



212, 155, 192



224, 155, 148

Sweetspot

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



124, 166, 185



216, 232, 240



124, 185, 151



105, 115, 120



247, 247, 247



120, 120, 120

Same Dimension

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



124, 166, 185



144, 210, 240



124, 155, 185



83, 89, 92



0, 108, 156



0, 19, 28

Inverse Universe

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



185, 124, 157



240, 144, 196



185, 124, 127



92, 83, 88



156, 0, 85



28, 0, 15

Previews

White Background



This preview shows how the RYB color 124, 166, 185 looks on a white background.

Color Contrast Check

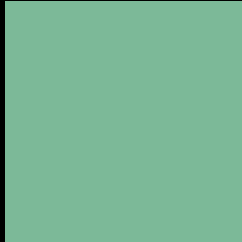
Large Text (above 18pt) WCAG AA × Fail

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, 185 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 124, 166, 185 Background



This preview shows how black text looks on a background with the RYB color 124, 166, 185.



This preview shows how white text looks on a background with the RYB color 124, 166, 185.

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](#).

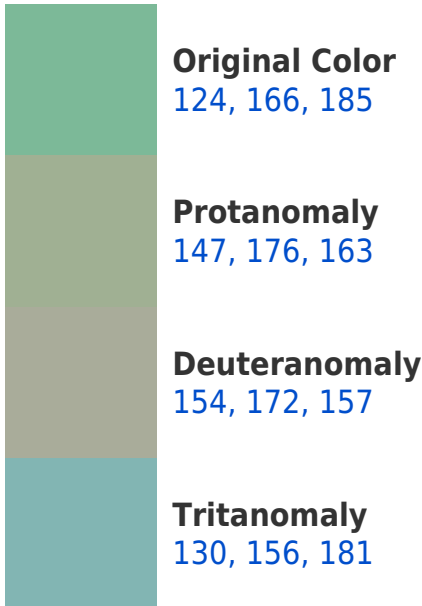
Dichromacy



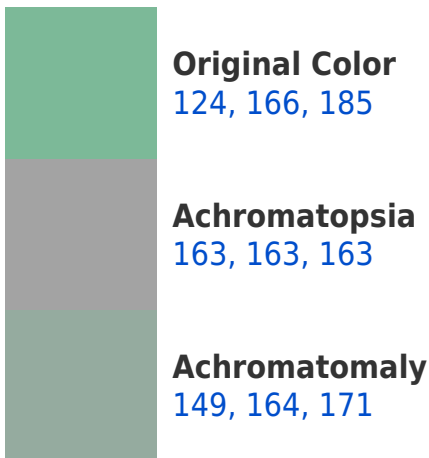


Tritanopia
133, 159, 194

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 124, 166, 185 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, 185, 152)` looks like.

```
.text, #text, p{  
    color:rgb(124, 185, 152)  
}
```

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, 185, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 185, 152) }
```

Border

The CSS property to change the border of an element to RYB 124, 166, 185 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, 185, 152) }
```

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

```
.border{ border-color:rgb(124, 185, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 185, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 185, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 185, 152);  
box-shadow:4px 4px 4px 4px rgb(124, 185,  
152) }
```

Background

The CSS property to change the background color of an element to RYB 124, 166, 185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 185, 152) }
```

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

```
.background{ background-color: rgb(124,  
185, 152) }
```

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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