

Converting Colors

`RYB(124, 162, 193)`

Have a look what the booklet for RYB(124, 162, 193) contains.

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Color

R_YB(124, 162, 193)

Conversions

Conversions Part 1

Format	Color
Hex	7CC1B4
RGB	124, 193, 180
RGB Percent	49%, 76%, 71%
CMY	0.5137, 0.2431, 0.2930
CMYK	0.36, 0.00, 0.07, 0.24
HSL	169°, 36%, 62%
HSV	169°, 36%, 76%
XYZ	35.6499, 45.7321, 50.2830
YIQ	170.8870, -36.9510, -18.6710

Conversions

Conversions Part 2

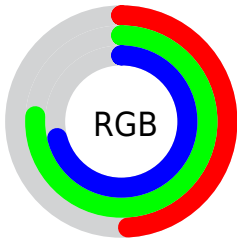
Format	Color
RYB	124, 162, 193
Decimal	8176052
CIELab	73.37, -24.63, -0.50
CIELCh	73, 24.640, 181.168
Yxy	45.7321, 0.2708, 0.3473
Android (android.graphics.Color)	4286366132 (0xFF7CC1B4)
YUV	170.8870, 4.4927, -41.1199
Hunter-Lab	67.6255, -24.2455, 3.2527

Details

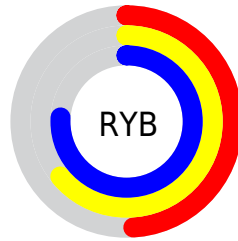
The RYB color **124, 162, 193** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **193, 124, 137**, and the grayscale version is **171, 171, 171**.

A 20% lighter version of the original color is **179, 218, 250**, and **71, 108, 139** is the 20% darker color. If you saturate the color by 10%, you get **105, 153, 193**, and if you desaturate by 10%, it is **143, 170, 193**.

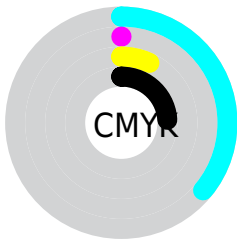
Distribution



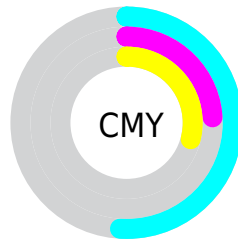
- Red (49%)
- Green (76%)
- Blue (71%)



- Red (49%)
- Yellow (64%)
- Blue (76%)



- Cyan (36%)
- Magenta (0%)
- Yellow (7%)
- Black (24%)




- Cyan (51%)
- Magenta (24%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 124, 162, 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 124, 162, 193 by changing the saturation by 10% instead.


 124, 162, 193


255, 255, 255


 179, 218, 250

 207, 231, 255

 236, 246, 255


 124, 162, 193

 97, 135, 166

 71, 108, 139

 44, 81, 113


 10, 52, 89


 0, 35, 65

 0, 23, 42

 0, 12, 20


 0, 0, 0

 124, 162, 193


 124, 162, 193

 105, 153, 193


 143, 170, 193


 85, 145, 193


 163, 180, 193


 66, 136, 193

 182, 188, 193


 47, 127, 193


 201, 193, 195

 28, 119, 193

 221, 193, 198

 8, 110, 193

 240, 193, 202

 0, 106, 193

 255, 193, 205

 255, 193, 209

 255, 193, 212

Harmonies

Analogous

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



146, 182, 191



124, 162, 193



115, 156, 203

Triad

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



124, 162, 193



185, 174, 219



215, 191, 141

Complementary

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



124, 162, 193



193, 124, 137

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, 167, 158



124, 162, 193



210, 167, 202

Square

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



124, 162, 193



154, 174, 225



224, 164, 180



159, 196, 135

Rectangle

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



124, 162, 193



121, 161, 215



224, 164, 180



220, 179, 146

Sweetspot

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



124, 162, 193



222, 237, 250



124, 193, 179



109, 118, 125



252, 252, 252



125, 125, 125

Same Dimension

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



124, 162, 193



142, 202, 250



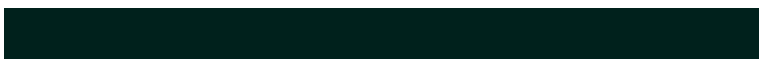
124, 152, 193



87, 93, 97



0, 89, 161



0, 18, 33

Inverse Universe

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



193, 124, 137



250, 142, 162



193, 154, 124



97, 87, 89



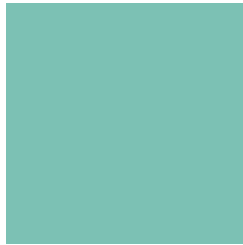
161, 0, 30



33, 0, 6

Previews

White Background



This preview shows how the RYB color 124, 162, 193 looks on a white background.

Color Contrast Check

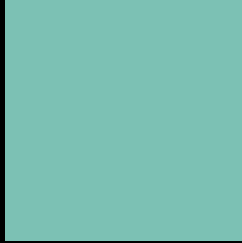
Large Text (above 18pt) WCAG AA × Fail

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 124, 162, 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 124, 162, 193 Background



This preview shows how black text looks on a background with the RYB color 124, 162, 193.



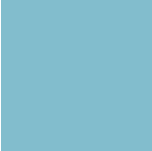
This preview shows how white text looks on a background with the RYB color 124, 162, 193.

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
130, 163, 205

Trichromacy



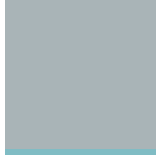
Original Color

124, 162, 193



Protanomaly

162, 176, 184



Deuteranomaly

169, 175, 183



Tritanomaly

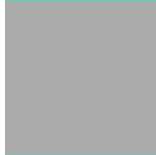
128, 160, 196

Monochromacy



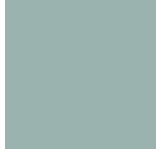
Original Color

124, 162, 193



Achromatopsia

171, 171, 171



Achromatomaly

154, 168, 179

CSS Examples

Text

The CSS property to change the color of the text to RYB 124, 162, 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(124, 193, 180)` looks like.

```
.text, #text, p{  
    color:rgb(124, 193, 180)  
}
```

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, 193, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 193, 180) }
```

Border

The CSS property to change the border of an element to RYB 124, 162, 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(124, 193, 180) }
```

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

```
.border{ border-color:rgb(124, 193, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 193, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 193, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 193, 180);  
box-shadow:4px 4px 4px 4px rgb(124, 193,  
180) }
```

Background

The CSS property to change the background color of an element to RYB 124, 162, 193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 193, 180) }
```

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

```
.background{ background-color: rgb(124,  
193, 180) }
```

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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