

Converting Colors

`RYB(124, 195, 202)`

Have a look what the booklet for
RYB(124, 195, 202) contains.

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Color

R_YB(124, 195, 202)

Conversions

Conversions Part 1

Format	Color
Hex	7CCA84
RGB	124, 202, 132
RGB Percent	49%, 79%, 52%
CMY	0.5137, 0.2078, 0.4836
CMYK	0.39, 0.00, 0.35, 0.21
HSL	126°, 42%, 64%
HSV	126°, 39%, 79%
XYZ	33.5764, 48.1836, 29.2495
YIQ	170.6980, -24.0180, -38.3060

Conversions

Conversions Part 2

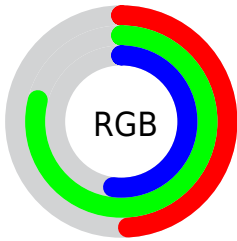
Format	Color
RYB	124, 195, 202
Decimal	8178308
CIELab	74.94, -38.53, 27.75
CIELCh	75, 47.480, 144.241
Yxy	48.1836, 0.3025, 0.4340
Android (android.graphics.Color)	4286368388 (0xFF7CCA84)
YUV	170.6980, -19.0781, -40.9541
Hunter-Lab	69.4144, -35.1332, 23.6068

Details

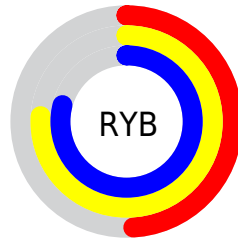
The RYB color **124, 195, 202** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **202, 124, 194**, and the grayscale version is **171, 171, 171**.

A 20% lighter version of the original color is **179, 249, 255**, and **70, 137, 147** is the 20% darker color. If you saturate the color by 10%, you get **104, 194, 202**, and if you desaturate by 10%, it is **144, 197, 202**.

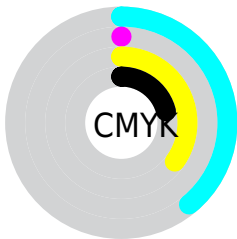
Distribution



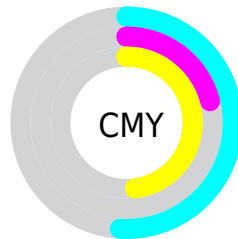
- Red (49%)
- Green (79%)
- Blue (52%)



- Red (49%)
- Yellow (76%)
- Blue (79%)



- Cyan (39%)
- Magenta (0%)
- Yellow (35%)
- Black (21%)



- Cyan (51%)
- Magenta (21%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RYB color 124, 195, 202 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, 195, 202 by changing the saturation by 10% instead.

 124, 195, 202


255, 255, 255


 179, 249, 255


 208, 250, 255

 237, 251, 255


 124, 195, 202

 97, 166, 174

 70, 137, 147

 42, 108, 121


 4, 73, 96


 0, 61, 71


 0, 48, 48

 0, 26, 26


 0, 0, 0

 124, 195, 202


 124, 195, 202

 104, 194, 202


 144, 197, 202

 84, 192, 202


 164, 198, 202

 63, 189, 202

 185, 201, 202

 43, 187, 202

 205, 202, 205

 23, 186, 202

 225, 202, 223

 3, 185, 202

 245, 202, 241

 0, 184, 202

 255, 202, 255

Harmonies

Analogous

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



102, 193, 119



124, 195, 202



49, 137, 207

Triad

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



124, 195, 202



95, 155, 255



255, 151, 151

Complementary

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



124, 195, 202



202, 124, 194

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.



255, 150, 195



124, 195, 202



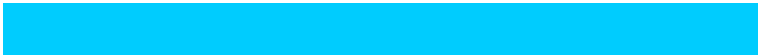
176, 176, 255

Square

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



124, 195, 202



0, 113, 254



231, 160, 236



252, 189, 115

Rectangle

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



124, 195, 202



0, 104, 207



231, 160, 236



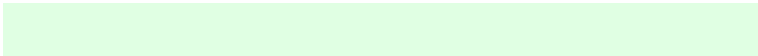
255, 149, 165

Sweetspot

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



124, 195, 202



224, 252, 255



124, 202, 130



110, 127, 128



0, 0, 0



128, 128, 128

Same Dimension

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



124, 195, 202



138, 245, 255



124, 173, 202



92, 101, 102



0, 151, 166



0, 34, 38

Inverse Universe

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



202, 124, 194



255, 138, 243



202, 124, 156



102, 92, 101



166, 0, 149



38, 0, 34

Previews

White Background



This preview shows how the RYB color 124, 195, 202 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, 195, 202 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](#).

RYP 124, 195, 202 Background



This preview shows how black text looks on a background with the RYB color 124, 195, 202.

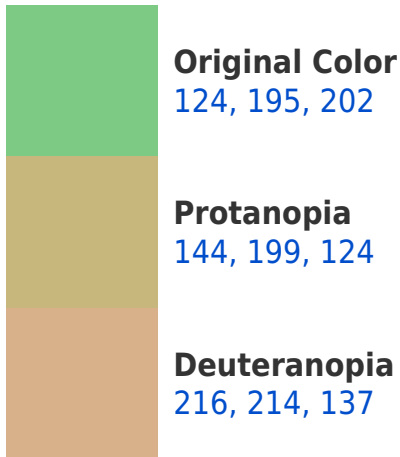


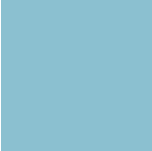
This preview shows how white text looks on a background with the RYB color 124, 195, 202.

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
139, 169, 208

Trichromacy



Original Color

124, 195, 202



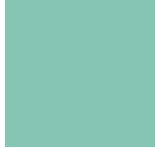
Protanomaly

127, 190, 145



Deuteranomaly

135, 185, 137



Tritanomaly

134, 170, 196

Monochromacy



Original Color

124, 195, 202



Achromatopsia

171, 171, 171



Achromatomaly

154, 179, 182

CSS Examples

Text

The CSS property to change the color of the text to RYB 124, 195, 202 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, 202, 132)` looks like.

```
.text, #text, p{  
    color:rgb(124, 202, 132)  
}
```

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, 202, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 202, 132) }
```

Border

The CSS property to change the border of an element to RYB 124, 195, 202 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, 202, 132) }
```

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

```
.border{ border-color:rgb(124, 202, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 202, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 202, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 202, 132);  
box-shadow:4px 4px 4px 4px rgb(124, 202,  
132) }
```

Background

The CSS property to change the background color of an element to RYB 124, 195, 202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 202, 132) }
```

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

```
.background{ background-color: rgb(124,  
202, 132) }
```

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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