

Converting Colors

`RYB(125, 175, 194)`

Have a look what the booklet for
RYB(125, 175, 194) contains.

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Color

$\text{RYB}(125, 175, 194)$

Conversions

Conversions Part 1

Format	Color
Hex	7DC297
RGB	125, 194, 151
RGB Percent	49%, 76%, 59%
CMY	0.5098, 0.2392, 0.4070
CMYK	0.36, 0.00, 0.22, 0.24
HSL	143°, 36%, 63%
HSV	143°, 36%, 76%
XYZ	33.3530, 45.1851, 36.3356
YIQ	168.4670, -27.3210, -28.0010

Conversions

Conversions Part 2

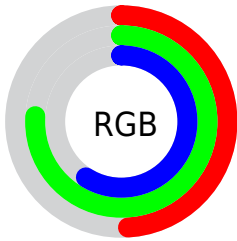
Format	Color
RYB	125, 175, 194
Decimal	8241815
CIELab	73.01, -31.01, 14.75
CIELCh	73, 34.337, 154.566
Yxy	45.1851, 0.2903, 0.3933
Android (android.graphics.Color)	4286431895 (0xFF7DC297)
YUV	168.4670, -8.6112, -38.1206
Hunter-Lab	67.2198, -29.0669, 15.0047

Details

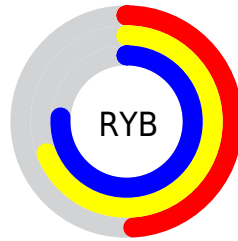
The RYB color **125, 175, 194** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **194, 125, 168**, and the grayscale version is **169, 169, 169**.

A 20% lighter version of the original color is **180, 233, 251**, and **72, 120, 140** is the 20% darker color. If you saturate the color by 10%, you get **106, 170, 194**, and if you desaturate by 10%, it is **144, 180, 194**.

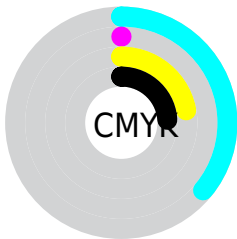
Distribution



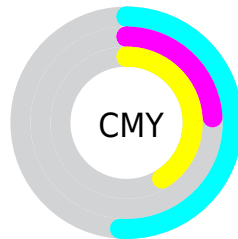
- Red (49%)
- Green (76%)
- Blue (59%)



- Red (49%)
- Yellow (69%)
- Blue (76%)



- Cyan (36%)
- Magenta (0%)
- Yellow (22%)
- Black (24%)



- Cyan (51%)
- Magenta (24%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RYB color 125, 175, 194 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 125, 175, 194 by changing the saturation by 10% instead.

 125, 175, 194


255, 255, 255


 180, 232, 251

 208, 238, 255

 237, 246, 255

 125, 175, 194

 99, 148, 167

 72, 120, 140

 46, 93, 114

 16, 64, 89

 0, 44, 65

 0, 35, 42

 0, 18, 18


 0, 0, 0

 125, 175, 194


 125, 175, 194

 106, 170, 194


 144, 180, 194

 86, 164, 194

 164, 186, 194


 67, 159, 194

 183, 191, 194


 47, 153, 194

 203, 194, 199

 28, 148, 194

 222, 194, 211

 9, 143, 194

 241, 194, 223

 0, 140, 194

 255, 194, 235

 255, 194, 247

 255, 194, 255

Harmonies

Analogous

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



127, 188, 153



125, 175, 194



88, 145, 196

Triad

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



125, 175, 194



144, 171, 241



239, 161, 145

Complementary

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



125, 175, 194



194, 125, 168

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.



240, 155, 176



125, 175, 194



190, 169, 231

Square

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



125, 175, 194



96, 152, 235



223, 159, 207



223, 205, 123

Rectangle

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



125, 175, 194



72, 136, 204



223, 159, 207



241, 157, 155

Sweetspot

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



125, 175, 194



225, 245, 252



125, 194, 150



111, 124, 128



0, 0, 0



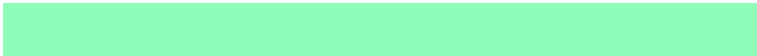
128, 128, 128

Same Dimension

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



125, 175, 194



144, 222, 252



125, 162, 194



87, 94, 97



0, 117, 161



0, 24, 33

Inverse Universe

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



194, 125, 168



252, 144, 211



194, 125, 134



97, 87, 93



161, 0, 100



33, 0, 21

Previews

White Background



This preview shows how the RYB color 125, 175, 194 looks on a white background.

Color Contrast Check

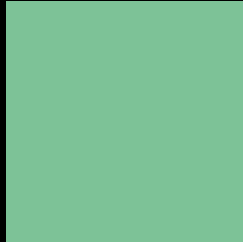
Large Text (above 18pt) WCAG AA × Fail

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 125, 175, 194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

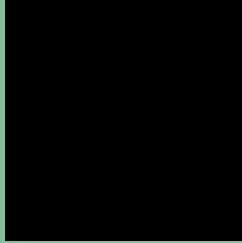
Any Text WCAG AA ✓ Pass

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 125, 175, 194 Background



This preview shows how black text looks on a background with the RYB color 125, 175, 194.

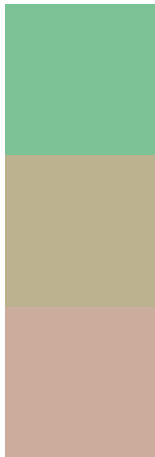


This preview shows how white text looks on a background with the RYB color 125, 175, 194.

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](#).

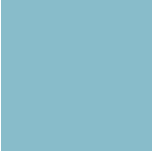
Dichromacy



Original Color
125, 175, 194

Protanopia
159, 189, 144

Deuteranopia
204, 180, 156



Tritanopia
136, 165, 202

Trichromacy



Original Color
125, 175, 194

Protanomaly
147, 184, 165

Deuteranomaly
154, 180, 159

Tritanomaly
132, 163, 190

Monochromacy



Original Color
125, 175, 194

Achromatopsia
168, 168, 168

Achromatomaly
152, 170, 177

CSS Examples

Text

The CSS property to change the color of the text to RYB 125, 175, 194 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(125, 194, 151)` looks like.

```
.text, #text, p{  
    color:rgb(125, 194, 151)  
}
```

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(125, 194, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 194, 151) }
```

Border

The CSS property to change the border of an element to RYB 125, 175, 194 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(125, 194, 151) }
```

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

```
.border{ border-color:rgb(125, 194, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 194, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 194, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 194, 151);  
box-shadow:4px 4px 4px 4px rgb(125, 194,  
151) }
```

Background

The CSS property to change the background color of an element to RYB 125, 175, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 194, 151) }
```

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

```
.background{ background-color: rgb(125,  
194, 151) }
```

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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