

Converting Colors

`RYB(125, 173, 196)`

Have a look what the booklet for
RYB(125, 173, 196) contains.

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Color

`RYB(125, 173, 196)`

Conversions

Conversions Part 1

Format	Color
Hex	7DC49F
RGB	125, 196, 159
RGB Percent	49%, 77%, 62%
CMY	0.5098, 0.2314, 0.3764
CMYK	0.36, 0.00, 0.19, 0.23
HSL	149°, 38%, 63%
HSV	149°, 36%, 77%
XYZ	34.4572, 46.3438, 39.9395
YIQ	170.5530, -30.4390, -26.5590

Conversions

Conversions Part 2

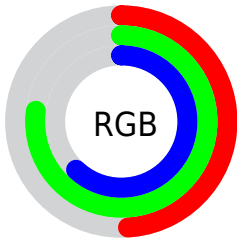
Format	Color
RYB	125, 173, 196
Decimal	8242335
CIELab	73.77, -30.41, 11.61
CIElCh	74, 32.550, 159.113
Yxy	46.3438, 0.2854, 0.3838
Android (android.graphics.Color)	4286432415 (0xFF7DC49F)
YUV	170.5530, -5.6956, -39.9500
Hunter-Lab	68.0762, -28.7846, 12.8686

Details

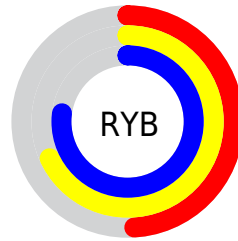
The RYB color **125, 173, 196** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **196, 125, 162**, and the grayscale version is **171, 171, 171**.

A 20% lighter version of the original color is **180, 230, 253**, and **72, 118, 142** is the 20% darker color. If you saturate the color by 10%, you get **105, 166, 196**, and if you desaturate by 10%, it is **145, 180, 196**.

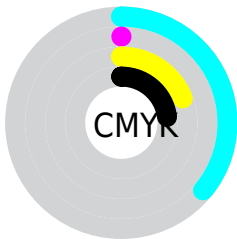
Distribution



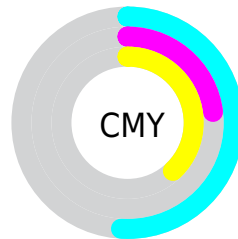
- Red (49%)
- Green (77%)
- Blue (62%)



- Red (49%)
- Yellow (68%)
- Blue (77%)



- Cyan (36%)
- Magenta (0%)
- Yellow (19%)
- Black (23%)



- Cyan (51%)
- Magenta (23%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 125, 173, 196 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, 173, 196 by changing the saturation by 10% instead.

 125, 173, 196


255, 255, 255


 180, 230, 253

 208, 235, 255

 237, 246, 255

 125, 173, 196

 98, 146, 169

 72, 118, 142

 46, 92, 116

 15, 63, 91

 0, 43, 67

 0, 31, 44

 0, 22, 22


 0, 0, 0

 125, 173, 196


 125, 173, 196


 105, 166, 196


 145, 180, 196

 86, 160, 196


 164, 186, 196


 66, 154, 196

 184, 192, 196

 47, 148, 196

 203, 196, 200

 27, 141, 196

 223, 196, 210

 7, 135, 196

 243, 196, 220

 0, 132, 196

 255, 196, 230

 255, 196, 241

 255, 196, 251

Harmonies

Analogous

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



134, 191, 165



125, 173, 196



93, 148, 198

Triad

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



125, 173, 196



155, 175, 240



237, 167, 145

Complementary

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



125, 173, 196



196, 125, 162

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, 159, 173



125, 173, 196



197, 170, 228

Square

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



125, 173, 196



111, 159, 236



227, 162, 203



220, 216, 126

Rectangle

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



125, 173, 196



83, 143, 209



227, 162, 203



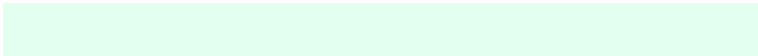
240, 162, 154

Sweetspot

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



125, 173, 196



227, 246, 255



125, 196, 158



111, 123, 128



0, 0, 0



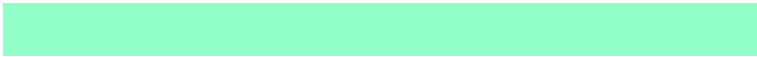
128, 128, 128

Same Dimension

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



125, 173, 196



145, 219, 255



125, 161, 196



87, 94, 97



0, 109, 161



0, 22, 33

Inverse Universe

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



196, 125, 162



255, 145, 202



196, 125, 127



97, 87, 92



161, 0, 84



33, 0, 17

Previews

White Background



This preview shows how the RYB color 125, 173, 196 looks on a white background.

Color Contrast Check

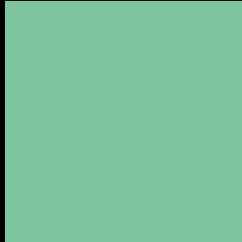
Large Text (above 18pt) WCAG AA × Fail

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, 173, 196 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, 173, 196 Background



This preview shows how black text looks on a background with the RYB color 125, 173, 196.

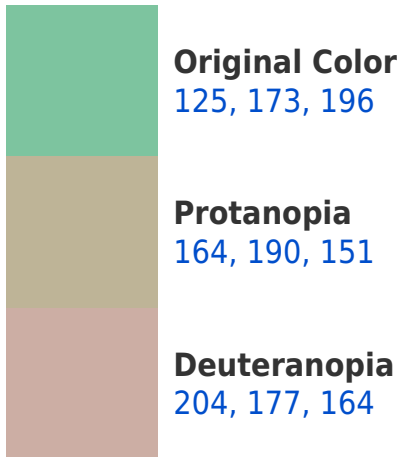


This preview shows how white text looks on a background with the RYB color 125, 173, 196.

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
135, 166, 205

Trichromacy



Original Color

125, 173, 196



Protanomaly

154, 186, 174



Deuteranomaly

162, 182, 169



Tritanomaly

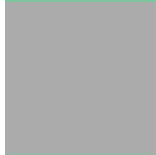
131, 163, 192

Monochromacy



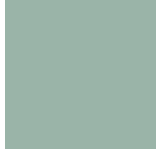
Original Color

125, 173, 196



Achromatopsia

171, 171, 171



Achromatomaly

154, 171, 180

CSS Examples

Text

The CSS property to change the color of the text to RGB 125, 173, 196 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, 196, 159)` looks like.

```
.text, #text, p{  
    color:rgb(125, 196, 159)  
}
```

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, 196, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 196, 159) }
```

Border

The CSS property to change the border of an element to RYB 125, 173, 196 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, 196, 159) }
```

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

```
.border{ border-color:rgb(125, 196, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 196, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 196, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 196, 159);  
box-shadow:4px 4px 4px 4px rgb(125, 196,  
159) }
```

Background

The CSS property to change the background color of an element to RYB 125, 173, 196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 196, 159) }
```

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

```
.background{ background-color: rgb(125,  
196, 159) }
```

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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