

Converting Colors

`RYB(125, 156, 172)`

Have a look what the booklet for
RYB(125, 156, 172) contains.

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Color

R_YB(125, 156, 172)

Conversions

Conversions Part 1

Format	Color
Hex	7DAC95
RGB	125, 172, 149
RGB Percent	49%, 67%, 58%
CMY	0.5098, 0.3255, 0.4147
CMYK	0.27, 0.00, 0.13, 0.33
HSL	151°, 22%, 58%
HSV	151°, 27%, 67%
XYZ	28.6554, 36.0432, 33.9886
YIQ	155.3250, -20.6290, -17.1170

Conversions

Conversions Part 2

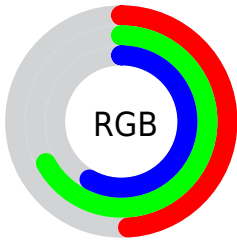
Format	Color
RYB	125, 156, 172
Decimal	8236181
CIELab	66.55, -20.56, 6.66
CIELCh	67, 21.615, 162.050
Yxy	36.0432, 0.2904, 0.3652
Android (android.graphics.Color)	4286426261 (0xFF7DAC95)
YUV	155.3250, -3.1182, -26.5950
Hunter-Lab	60.0360, -19.8642, 8.4589

Details

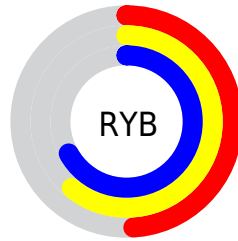
The RYB color **125, 156, 172** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **172, 125, 148**, and the grayscale version is **155, 155, 155**.

A 20% lighter version of the original color is **179, 212, 228**, and **74, 104, 120** is the 20% darker color. If you saturate the color by 10%, you get **108, 150, 172**, and if you desaturate by 10%, it is **142, 162, 172**.

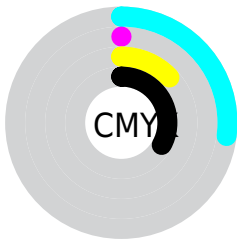
Distribution



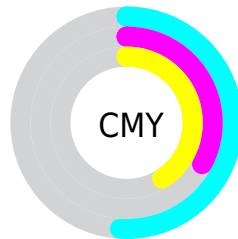
- Red (49%)
- Green (67%)
- Blue (58%)



- Red (49%)
- Yellow (61%)
- Blue (67%)



- Cyan (27%)
- Magenta (0%)
- Yellow (13%)
- Black (33%)



- Cyan (51%)
- Magenta (33%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RYB color 125, 156, 172 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, 156, 172 by changing the saturation by 10% instead.

 125, 156, 172


255, 255, 255


 179, 212, 228

 206, 238, 255

 235, 245, 255

 125, 156, 172

 99, 129, 145

 74, 104, 120

 50, 79, 95

 26, 55, 71

 0, 29, 48

 0, 22, 28

 0, 0, 0

 125, 156, 172

 108, 150, 172

 125, 156, 172

 142, 162, 172

■ 91, 144, 172

■ 159, 167, 172

■ 73, 138, 172

■ 177, 172, 174

■ 56, 132, 172

■ 194, 172, 183

■ 39, 127, 172

■ 211, 172, 191

■ 22, 121, 172

■ 228, 172, 199

■ 5, 115, 172

■ 245, 172, 208

■ 0, 113, 172

■ 255, 172, 216

■ 255, 172, 224

Harmonies

Analogous

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



133, 169, 156



125, 156, 172



110, 143, 173

Triad

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



125, 156, 172



149, 159, 200



199, 155, 137

Complementary

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



125, 156, 172



172, 125, 148

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.



202, 148, 155



125, 156, 172



175, 154, 191

Square

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



125, 156, 172



124, 151, 198



193, 149, 174



183, 187, 125

Rectangle

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



125, 156, 172



107, 142, 182



193, 149, 174



201, 151, 142

Sweetspot

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



125, 156, 172



206, 218, 224



125, 172, 148



101, 108, 112



240, 240, 240



112, 112, 112

Same Dimension

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



125, 156, 172



150, 198, 224



125, 149, 172



78, 84, 87



0, 99, 150



0, 15, 23

Inverse Universe

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



172, 125, 148



224, 150, 186



172, 125, 125



87, 78, 82



150, 0, 73



23, 0, 11

Previews

White Background



This preview shows how the RYB color 125, 156, 172 looks on a white background.

Color Contrast Check

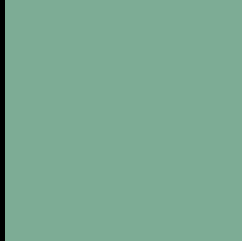
Large Text (above 18pt) WCAG AA × Fail

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, 156, 172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

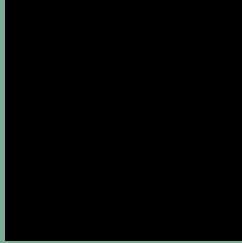
Any Text WCAG AA ✓ Pass

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, 156, 172 Background



This preview shows how black text looks on a background with the RYB color 125, 156, 172.

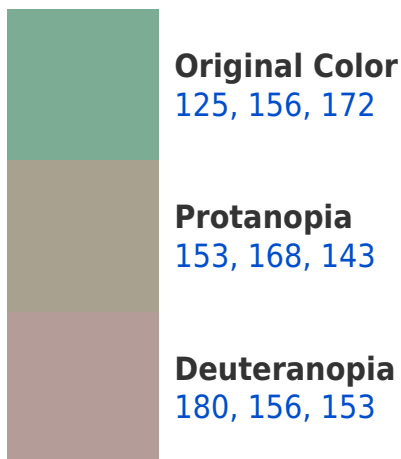



This preview shows how white text looks on a background with the RYB color 125, 156, 172.

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](#).

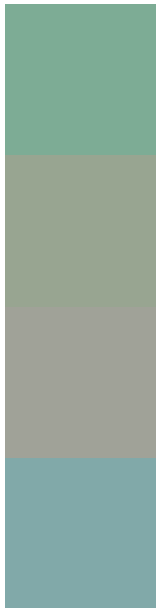
Dichromacy





Tritanopia
131, 152, 181

Trichromacy



Original Color
125, 156, 172

Protanomaly
145, 165, 158

Deuteranomaly
152, 162, 154

Tritanomaly
129, 149, 169

Monochromacy



Original Color
125, 156, 172

Achromatopsia
155, 155, 155

Achromatomaly
144, 155, 161

CSS Examples

Text

The CSS property to change the color of the text to RYB 125, 156, 172 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, 172, 149)` looks like.

```
.text, #text, p{  
    color:rgb(125, 172, 149)  
}
```

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, 172, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 172, 149) }
```

Border

The CSS property to change the border of an element to RYB 125, 156, 172 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, 172, 149) }
```

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

```
.border{ border-color:rgb(125, 172, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 172, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 172, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 172, 149);  
box-shadow:4px 4px 4px 4px rgb(125, 172,  
149) }
```

Background

The CSS property to change the background color of an element to RYB 125, 156, 172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 172, 149) }
```

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

```
.background{ background-color: rgb(125,  
172, 149) }
```

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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