

Converting Colors

`RYB(129, 158, 172)`

Have a look what the booklet for
RYB(129, 158, 172) contains.

RYB(129, 158, 172)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(129, 158, 172)

Conversions

Conversions Part 1

Format	Color
Hex	81AC96
RGB	129, 172, 150
RGB Percent	51%, 67%, 59%
CMY	0.4941, 0.3255, 0.4127
CMYK	0.25, 0.00, 0.13, 0.33
HSL	149°, 21%, 59%
HSV	149°, 25%, 67%
XYZ	29.2914, 36.3664, 34.2280
YIQ	156.6350, -18.5660, -15.9580

Conversions

Conversions Part 2

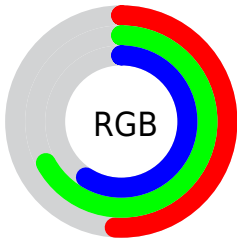
Format	Color
RYB	129, 158, 172
Decimal	8498326
CIELab	66.80, -19.16, 6.77
CIElCh	67, 20.321, 160.547
Yxy	36.3664, 0.2932, 0.3641
Android (android.graphics.Color)	4286688406 (0xFF81AC96)
YUV	156.6350, -3.2711, -24.2359
Hunter-Lab	60.3046, -18.8313, 8.5611

Details

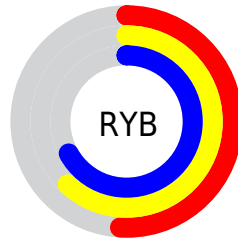
The RYB color **129, 158, 172** is a light color, and the websafe version is hex **669999**. A complement of this color would be **172, 129, 151**, and the grayscale version is **157, 157, 157**.

A 20% lighter version of the original color is **183, 214, 228**, and **79, 107, 120** is the 20% darker color. If you saturate the color by 10%, you get **112, 152, 172**, and if you desaturate by 10%, it is **146, 163, 172**.

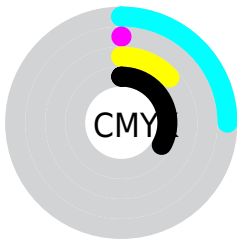
Distribution



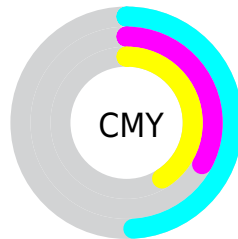
- Red (51%)
- Green (67%)
- Blue (59%)



- Red (51%)
- Yellow (62%)
- Blue (67%)



- Cyan (25%)
- Magenta (0%)
- Yellow (13%)
- Black (33%)



- Cyan (49%)
- Magenta (33%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RYB color 129, 158, 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 129, 158, 172 by changing the saturation by 10% instead.

 129, 158, 172

255, 255, 255


 183, 214, 228

 211, 241, 255


 239, 247, 255

 129, 158, 172

 103, 131, 145

 79, 107, 120

 54, 81, 95

 31, 57, 71

 6, 32, 48

 0, 22, 28

 0, 0, 0

 129, 158, 172

 112, 152, 172

 129, 158, 172

 146, 163, 172

■ 95, 147, 172

■ 163, 169, 172

■ 77, 141, 172

■ 181, 172, 176

■ 60, 136, 172

■ 198, 172, 185

■ 43, 130, 172

■ 215, 172, 194

■ 26, 125, 172

■ 232, 172, 203

■ 9, 119, 172

■ 249, 172, 212

■ 0, 116, 172

■ 255, 172, 221

■ 255, 172, 230

Harmonies

Analogous

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



134, 169, 154



129, 158, 172



115, 145, 173

Triad

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



129, 158, 172



150, 160, 198



198, 155, 140

Complementary

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



129, 158, 172



172, 129, 151

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.



200, 150, 157



129, 158, 172



174, 156, 190

Square

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



129, 158, 172



127, 153, 196



192, 151, 175



187, 183, 129

Rectangle

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



129, 158, 172



112, 144, 180



192, 151, 175



200, 152, 145

Sweetspot

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



129, 158, 172



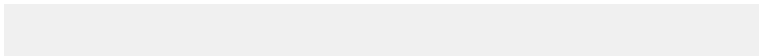
206, 218, 224



129, 172, 149



101, 109, 112



240, 240, 240



112, 112, 112

Same Dimension

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



129, 158, 172



157, 202, 224



129, 151, 172



78, 84, 87



0, 101, 150



0, 16, 23

Inverse Universe

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



172, 129, 151



224, 157, 192



172, 129, 130



87, 78, 83



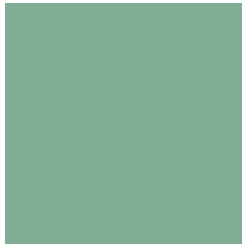
150, 0, 78



23, 0, 12

Previews

White Background



This preview shows how the RYB color 129, 158, 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 129, 158, 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

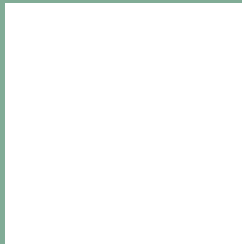
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

R Y B 129, 158, 172 Background



This preview shows how black text looks on a background with the R Y B color 129, 158, 172.



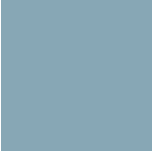
This preview shows how white text looks on a background with the R Y B color 129, 158, 172.

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
135, 154, 181

Trichromacy



Original Color
129, 158, 172

Protanomaly
146, 165, 157

Deuteranomaly
152, 162, 152

Tritanomaly
133, 151, 170

Monochromacy



Original Color
129, 158, 172

Achromatopsia
157, 157, 157

Achromatomaly
147, 157, 162

CSS Examples

Text

The CSS property to change the color of the text to RYB 129, 158, 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(129, 172, 150)` looks like.

```
.text, #text, p{  
    color:rgb(129, 172, 150)  
}
```

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(129, 172, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 172, 150) }
```

Border

The CSS property to change the border of an element to RYB 129, 158, 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(129, 172, 150) }
```

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

```
.border{ border-color:rgb(129, 172, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 172, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 172, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 172, 150);  
box-shadow:4px 4px 4px 4px rgb(129, 172,  
150) }
```

Background

The CSS property to change the background color of an element to RYB 129, 158, 172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 172, 150) }
```

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

```
.background{ background-color: rgb(129,  
172, 150) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor