

Converting Colors

`RYB(129, 149, 160)`

Have a look what the booklet for
RYB(129, 149, 160) contains.

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Color

R_YB(129, 149, 160)

Conversions

Conversions Part 1

Format	Color
Hex	81A092
RGB	129, 160, 146
RGB Percent	51%, 63%, 57%
CMY	0.4941, 0.3725, 0.4273
CMYK	0.19, 0.00, 0.09, 0.37
HSL	153°, 14%, 57%
HSV	153°, 19%, 63%
XYZ	26.8163, 31.8856, 31.9557
YIQ	149.1350, -13.9820, -10.9260

Conversions

Conversions Part 2

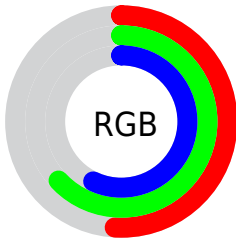
Format	Color
RYB	129, 149, 160
Decimal	8495250
CIELab	63.25, -13.65, 3.72
CIELCh	63, 14.150, 164.739
Yxy	31.8856, 0.2958, 0.3517
Android (android.graphics.Color)	4286685330 (0xFF81A092)
YUV	149.1350, -1.5456, -17.6584
Hunter-Lab	56.4674, -14.0485, 5.9741

Details

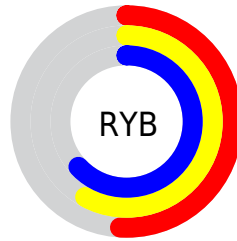
The RYB color **129, 149, 160** is a light color, and the websafe version is hex **669999**. A complement of this color would be **160, 129, 143**, and the grayscale version is **149, 149, 149**.

A 20% lighter version of the original color is **182, 203, 215**, and **79, 97, 108** is the 20% darker color. If you saturate the color by 10%, you get **113, 143, 160**, and if you desaturate by 10%, it is **145, 155, 160**.

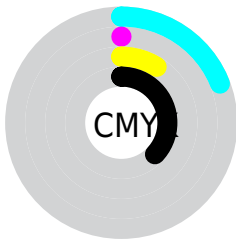
Distribution



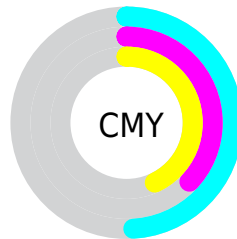
- Red (51%)
- Green (63%)
- Blue (57%)



- Red (51%)
- Yellow (58%)
- Blue (63%)



- Cyan (19%)
- Magenta (0%)
- Yellow (9%)
- Black (37%)



- Cyan (49%)
- Magenta (37%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RYB color 129, 149, 160 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, 149, 160 by changing the saturation by 10% instead.

 129, 149, 160


255, 255, 255

 182, 203, 215

 210, 231, 243


 238, 247, 255


 129, 149, 160


 104, 124, 134

 79, 97, 108

 56, 74, 84

 33, 50, 61

 11, 28, 39

 0, 17, 19


 0, 0, 0


 129, 149, 160


 113, 143, 160

 129, 149, 160


 145, 155, 160

 97, 138, 160


 161, 160, 160

 81, 132, 160


 177, 160, 168

 65, 126, 160


 193, 160, 175


 49, 121, 160

 209, 160, 182

 33, 115, 160

 225, 160, 189

 17, 109, 160

 241, 160, 196

 1, 104, 160

 255, 160, 204

 0, 103, 160

 255, 160, 211

Harmonies

Analogous

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



135, 158, 151



129, 149, 160



121, 141, 160

Triad

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



129, 149, 160



147, 151, 177



178, 149, 136

Complementary

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



129, 149, 160



160, 129, 143

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.



180, 145, 147



129, 149, 160



163, 148, 171

Square

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



129, 149, 160



132, 148, 177



175, 145, 160



165, 169, 129

Rectangle

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



129, 149, 160



120, 142, 167



175, 145, 160



179, 147, 139

Sweetspot

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



129, 149, 160



197, 205, 209



129, 160, 146



97, 102, 105



232, 232, 232



105, 105, 105

Same Dimension

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



129, 149, 160



161, 192, 209



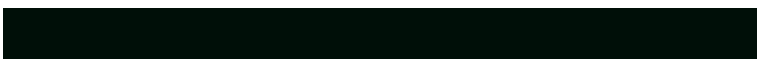
129, 144, 160



71, 76, 79



0, 92, 143



0, 10, 15

Inverse Universe

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



160, 129, 143



209, 161, 183



160, 131, 129



79, 71, 75



143, 0, 64



15, 0, 7

Previews

White Background



This preview shows how the RYB color 129, 149, 160 looks on a white background.

Color Contrast Check

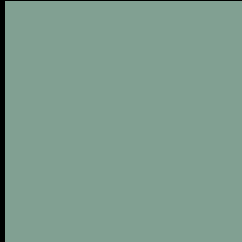
Large Text (above 18pt) WCAG AA × Fail

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, 149, 160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

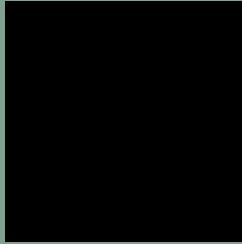
Any Text WCAG AA ✓ Pass

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 129, 149, 160 Background



This preview shows how black text looks on a background with the RYB color 129, 149, 160.



This preview shows how white text looks on a background with the RYB color 129, 149, 160.

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
133, 147, 169

Trichromacy



Original Color

129, 149, 160

Protanomaly

143, 155, 151

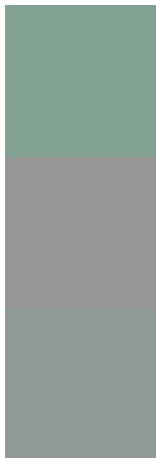
Deuteranomaly

151, 154, 148

Tritanomaly

132, 146, 161

Monochromacy



Original Color

129, 149, 160

Achromatopsia

149, 149, 149

Achromatomaly

142, 149, 153

CSS Examples

Text

The CSS property to change the color of the text to RYB 129, 149, 160 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, 160, 146)` looks like.

```
.text, #text, p{  
    color:rgb(129, 160, 146)  
}
```

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, 160, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 160, 146) }
```

Border

The CSS property to change the border of an element to RYB 129, 149, 160 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, 160, 146) }
```

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

```
.border{ border-color:rgb(129, 160, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 160, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(129, 160, 146); -webkit-box-shadow:4px 4px 4px 4px rgb(129, 160, 146); box-shadow:4px 4px 4px 4px rgb(129, 160, 146) }
```

Background

The CSS property to change the background color of an element to RYB 129, 149, 160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 160, 146) }
```

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

```
.background{ background-color: rgb(129,  
160, 146) }
```

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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