

Converting Colors

`RYB(129, 144, 162)`

Have a look what the booklet for
RYB(129, 144, 162) contains.

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Color

R_YB(129, 144, 162)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 819DA2 |
| RGB | 129, 157, 162 |
| RGB Percent | 51%, 62%, 64% |
| CMY | 0.4941, 0.3863, 0.3647 |
| CMYK | 0.20, 0.03, 0.00, 0.36 |
| HSL | 190°, 15%, 57% |
| HSV | 190°, 20%, 64% |
| XYZ | 27.5474, 31.2209, 38.7567 |
| YIQ | 149.1980, -18.2930, -4.3810 |

Conversions

Conversions Part 2

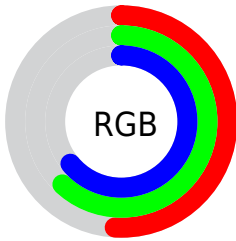
| Format | Color |
|-------------------------------------|--|
| RYB | 129, 144, 162 |
| Decimal | 8494498 |
| CIELab | 62.69, -8.31, -6.06 |
| CIELCh | 63, 10.283, 216.119 |
| Yxy | 31.2209, 0.2825, 0.3201 |
| Android (android.graphics.Color) | 4286684578 (0xFF819DA2) |
| YUV | 149.1980, 6.3114, -17.7136 |
| Hunter-Lab | 55.8756, -9.7796, -2.0121 |

Details

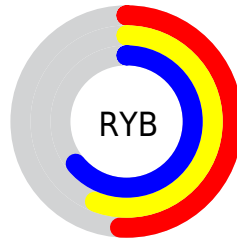
The RYB color **129, 144, 162** is a light color, and the websafe version is hex **669999**. A complement of this color would be **162, 135, 129**, and the grayscale version is **149, 149, 149**.

A 20% lighter version of the original color is **182, 198, 217**, and **79, 93, 110** is the 20% darker color. If you saturate the color by 10%, you get **113, 135, 162**, and if you desaturate by 10%, it is **145, 153, 162**.

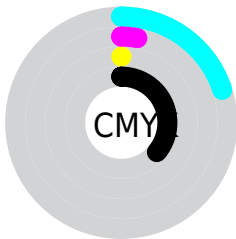
Distribution



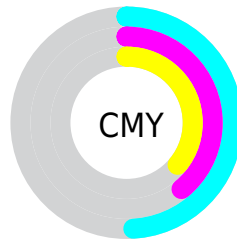
- Red (51%)
- Green (62%)
- Blue (64%)



- Red (51%)
- Yellow (56%)
- Blue (64%)



- Cyan (20%)
- Magenta (3%)
- Yellow (0%)
- Black (36%)



- Cyan (49%)
- Magenta (39%)
- Yellow (36%)


Brightness & Saturation Gradients

These gradients show how the RYB color 129, 144, 162 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, 144, 162 by changing the saturation by 10% instead.

 129, 144, 162


255, 255, 255

 182, 198, 217

 210, 226, 245


 239, 247, 255

 129, 144, 162


 104, 118, 136

 79, 93, 110

 55, 69, 86


 33, 47, 63


 10, 24, 41

 0, 9, 21

 0, 0, 0

 129, 144, 162

 113, 135, 162

 129, 144, 162

 145, 153, 162

97, 126, 162

161, 162, 162

80, 117, 162

178, 166, 162

64, 109, 162

194, 168, 162

48, 100, 162

210, 172, 162

32, 91, 162

226, 175, 162

16, 82, 162

242, 178, 162

0, 74, 162

255, 181, 162

255, 186, 162

Harmonies

Analogous

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



130, 145, 157



129, 144, 162



134, 147, 168

Triad

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



129, 144, 162



165, 146, 159



140, 157, 134

Complementary

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



129, 144, 162



162, 135, 129

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.



166, 161, 135



129, 144, 162



171, 145, 150

Square

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



129, 144, 162



156, 149, 166



171, 147, 141



137, 154, 144

Rectangle

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



129, 144, 162



141, 149, 170



171, 147, 141



148, 160, 134

Sweetspot

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



129, 144, 162



199, 205, 212



129, 158, 162



100, 103, 107



235, 235, 235



107, 107, 107

Same Dimension

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



129, 144, 162



161, 184, 212



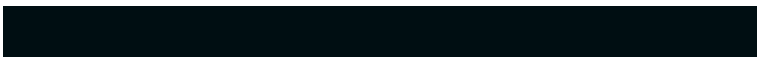
129, 138, 162



73, 77, 82



0, 66, 145



0, 8, 18

Inverse Universe

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



162, 129, 157



212, 161, 203



146, 162, 129



82, 73, 80



145, 0, 121



18, 0, 15

Previews

White Background



This preview shows how the RYB color 129, 144, 162 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, 144, 162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

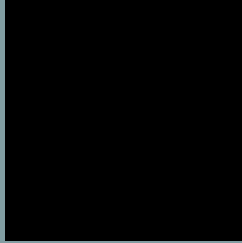
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

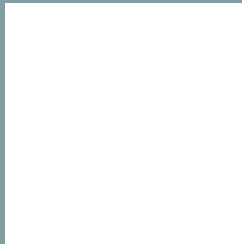
Any Text WCAG AAA ✓ Pass

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

RYB 129, 144, 162 Background



This preview shows how black text looks on a background with the RYB color 129, 144, 162.



This preview shows how white text looks on a background with the RYB color 129, 144, 162.

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](#).

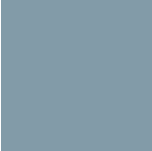
Dichromacy



Original Color
129, 144, 162

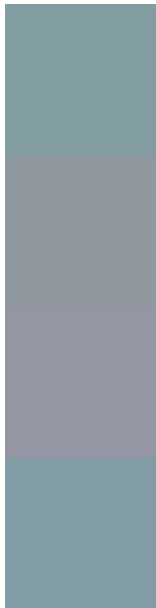
Protanopia
152, 150, 158

Deuteranopia
160, 147, 164



Tritanopia
130, 145, 168

Trichromacy



Original Color

129, 144, 162

Protanomaly

144, 149, 159

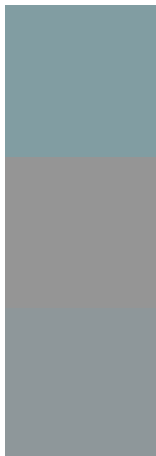
Deuteranomaly

149, 150, 163

Tritanomaly

130, 145, 166

Monochromacy



Original Color

129, 144, 162

Achromatopsia

149, 149, 149

Achromatomaly

142, 147, 154

CSS Examples

Text

The CSS property to change the color of the text to RYB 129, 144, 162 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, 157, 162)` looks like.

```
.text, #text, p{  
    color:rgb(129, 157, 162)  
}
```

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, 157, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 157, 162) }
```

Border

The CSS property to change the border of an element to RYB 129, 144, 162 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, 157, 162) }
```

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

```
.border{ border-color:rgb(129, 157, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 157, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 157, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 157, 162);  
box-shadow:4px 4px 4px 4px rgb(129, 157,  
162) }
```

Background

The CSS property to change the background color of an element to RYB 129, 144, 162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 157, 162) }
```

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

```
.background{ background-color: rgb(129,  
157, 162) }
```

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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