

Converting Colors

`RYB(128, 154, 162)`

Have a look what the booklet for
RYB(128, 154, 162) contains.

| | |
|--|----|
| RYB(128, 154, 162) | 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(128, 154, 162)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 80A28A |
| RGB | 128, 162, 138 |
| RGB Percent | 50%, 64%, 54% |
| CMY | 0.4980, 0.3647, 0.4570 |
| CMYK | 0.21, 0.00, 0.15, 0.36 |
| HSL | 138°, 15%, 57% |
| HSV | 138°, 21%, 64% |
| XYZ | 26.4434, 32.2782, 29.0569 |
| YIQ | 149.0980, -12.5600, -14.6720 |

Conversions

Conversions Part 2

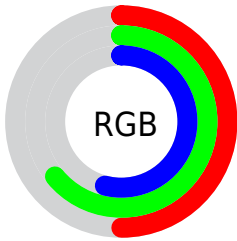
| Format | Color |
|-------------------------------------|---|
| RYB | 128, 154, 162 |
| Decimal | 8430218 |
| CIELab | 63.57, -16.57, 8.43 |
| CIElCh | 64, 18.595, 153.042 |
| Yxy | 32.2782, 0.3013, 0.3677 |
| Android (android.graphics.Color) | 4286620298 (0xFF80A28A) |
| YUV | 149.0980, -5.4713, -18.5029 |
| Hunter-Lab | 56.8139, -16.3437, 9.4465 |

Details

The RYB color **128, 154, 162** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **162, 128, 152**, and the grayscale version is **149, 149, 149**.

A 20% lighter version of the original color is **181, 209, 217**, and **78, 102, 110** is the 20% darker color. If you saturate the color by 10%, you get **112, 150, 162**, and if you desaturate by 10%, it is **144, 158, 162**.

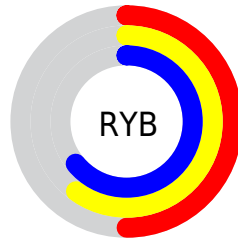
Distribution



Red (50%)

Green (64%)

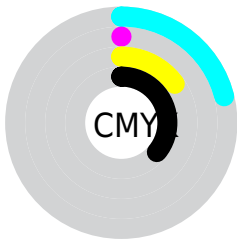
Blue (54%)



Red (50%)

Yellow (60%)

Blue (64%)

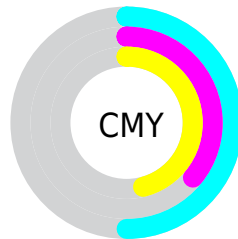


Cyan (21%)

Magenta (0%)

Yellow (15%)

Black (36%)



Cyan (50%)

Magenta (36%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RYB color 128, 154, 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 128, 154, 162 by changing the saturation by 10% instead.

 128, 154, 162


255, 255, 255


 181, 209, 217


 209, 237, 245

 237, 248, 255

 128, 154, 162

 103, 128, 136

 78, 102, 110

 55, 78, 86


 32, 54, 62


 10, 31, 40


 0, 21, 21


 0, 0, 0

 128, 154, 162


 112, 150, 162

 128, 154, 162


 144, 158, 162


 96, 147, 162


 160, 161, 162

 79, 142, 162


 177, 162, 172

 63, 138, 162


 193, 162, 183


 47, 135, 162

 209, 162, 195

 31, 131, 162

 225, 162, 206

 15, 128, 162

 241, 162, 217

 0, 124, 162

 255, 162, 228

 255, 162, 239

Harmonies

Analogous

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



126, 158, 137



128, 154, 162



113, 141, 164

Triad

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



128, 154, 162



137, 150, 187



188, 145, 137

Complementary

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



128, 154, 162



162, 128, 152

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.



187, 142, 153



128, 154, 162



159, 149, 182

Square

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



128, 154, 162



118, 144, 183



177, 144, 169



180, 165, 125

Rectangle

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



128, 154, 162



109, 137, 166



177, 144, 169



188, 143, 142

Sweetspot

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



128, 154, 162



199, 209, 212



128, 162, 138



100, 105, 107



235, 235, 235



107, 107, 107

Same Dimension

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



128, 154, 162



159, 200, 212



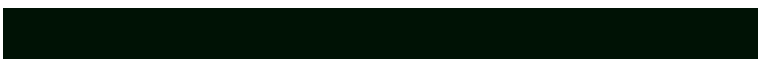
128, 147, 162



73, 80, 82



0, 111, 145



0, 14, 18

Inverse Universe

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



162, 128, 152



212, 159, 195



162, 128, 135



82, 73, 79



145, 0, 101



18, 0, 12

Previews

White Background



This preview shows how the RYB color 128, 154, 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 128, 154, 162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

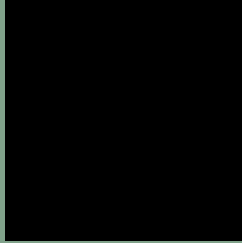
Any Text WCAG AA ✓ Pass

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 128, 154, 162 Background



This preview shows how black text looks on a background with the RYB color 128, 154, 162.



This preview shows how white text looks on a background with the RYB color 128, 154, 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





Tritanopia
134, 148, 170

Trichromacy



Original Color

128, 154, 162

Protanomaly

136, 156, 143

Deuteranomaly

145, 157, 140

Tritanomaly

132, 146, 159

Monochromacy



Original Color

128, 154, 162

Achromatopsia

149, 149, 149

Achromatomaly

141, 151, 154

CSS Examples

Text

The CSS property to change the color of the text to RYB 128, 154, 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(128, 162, 138)` looks like.

```
.text, #text, p{  
    color:rgb(128, 162, 138)  
}
```

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(128, 162, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 162, 138) }
```

Border

The CSS property to change the border of an element to RYB 128, 154, 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(128, 162, 138) }
```

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

```
.border{ border-color:rgb(128, 162, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 162, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 162, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 162, 138);  
box-shadow:4px 4px 4px 4px rgb(128, 162,  
138) }
```

Background

The CSS property to change the background color of an element to RYB 128, 154, 162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 162, 138) }
```

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

```
.background{ background-color: rgb(128,  
162, 138) }
```

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