

Converting Colors

`RYB(145, 158, 162)`

Have a look what the booklet for
RYB(145, 158, 162) contains.

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Color

R_YB(145, 158, 162)

Conversions

Conversions Part 1

Format	Color
Hex	91A296
RGB	145, 162, 150
RGB Percent	57%, 64%, 59%
CMY	0.4314, 0.3647, 0.4109
CMYK	0.10, 0.00, 0.07, 0.36
HSL	138°, 8%, 60%
HSV	138°, 10%, 64%
XYZ	30.1210, 34.0699, 33.9403
YIQ	155.5490, -6.2800, -7.3360

Conversions

Conversions Part 2

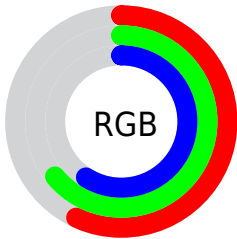
Format	Color
RYB	145, 158, 162
Decimal	9544342
CIELab	65.02, -8.33, 4.08
CIELCh	65, 9.271, 153.897
Yxy	34.0699, 0.3069, 0.3472
Android (android.graphics.Color)	4287734422 (0xFF91A296)
YUV	155.5490, -2.7357, -9.2515
Hunter-Lab	58.3694, -10.0331, 6.3830

Details

The RYB color **145, 158, 162** is a light color, and the websafe version is hex **999999**. A complement of this color would be **162, 145, 157**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **199, 213, 217**, and **94, 106, 110** is the 20% darker color. If you saturate the color by 10%, you get **129, 154, 162**, and if you desaturate by 10%, it is **161, 162, 162**.

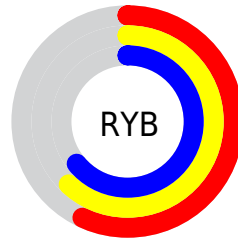
Distribution



Red (57%)

Green (64%)

Blue (59%)



Red (57%)

Yellow (62%)

Blue (64%)

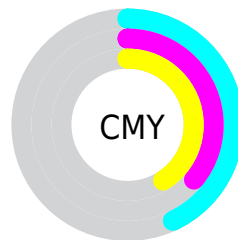


Cyan (10%)

Magenta (0%)

Yellow (7%)

Black (36%)



Cyan (43%)

Magenta (36%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RYB color 145, 158, 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 145, 158, 162 by changing the saturation by 10% instead.

 145, 158, 162


255, 255, 255


 199, 213, 217


 227, 241, 245

 145, 158, 162


 119, 132, 136

 94, 106, 110

 71, 82, 86

 48, 59, 63


 27, 37, 41


 1, 16, 21

 0, 0, 0

 145, 158, 162


 129, 154, 162

 145, 158, 162


 161, 162, 162


 113, 151, 162


 177, 162, 173

 96, 146, 162


 194, 162, 184


 80, 143, 162


 210, 162, 195

 64, 139, 162


 226, 162, 206

 48, 135, 162

 242, 162, 218

 32, 131, 162

 255, 162, 229

 15, 127, 162

 255, 162, 240

 0, 124, 162

 255, 162, 251

Harmonies

Analogous

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



144, 160, 150



145, 158, 162



139, 152, 163

Triad

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



145, 158, 162



150, 156, 174



175, 154, 149

Complementary

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



145, 158, 162



162, 145, 157

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.



175, 152, 157



145, 158, 162



161, 155, 172

Square

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



145, 158, 162



142, 154, 172



170, 153, 165



171, 164, 143

Rectangle

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



145, 158, 162



137, 150, 164



170, 153, 165



176, 152, 151

Sweetspot

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



145, 158, 162



205, 210, 212



145, 162, 150



103, 106, 107



235, 235, 235



107, 107, 107

Same Dimension

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



145, 158, 162



184, 205, 212



145, 154, 162



73, 80, 82



0, 111, 145



0, 14, 18

Inverse Universe

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



162, 145, 157



212, 184, 203



162, 145, 148



82, 73, 79



145, 0, 101



18, 0, 12

Previews

White Background



This preview shows how the RYB color 145, 158, 162 looks on a white background.

Color Contrast Check

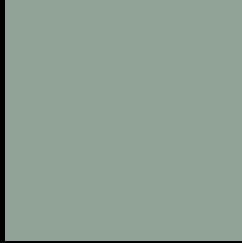
Large Text (above 18pt) WCAG AA × Fail

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 145, 158, 162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

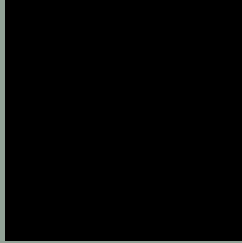
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

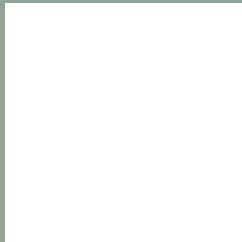
Any Text WCAG AAA ✓ Pass

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

RYB 145, 158, 162 Background



This preview shows how black text looks on a background with the RYB color 145, 158, 162.



This preview shows how white text looks on a background with the RYB color 145, 158, 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](#).

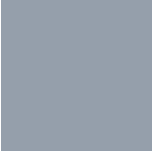
Dichromacy



Original Color
145, 158, 162

Protanopia
157, 163, 147

Deuteranopia
175, 152, 152



Tritanopia
149, 156, 171

Trichromacy



Original Color

145, 158, 162

Protanomaly

148, 159, 151

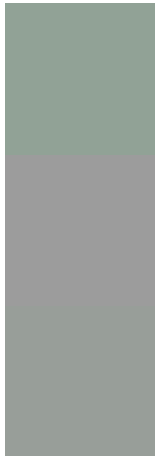
Deuteranomaly

164, 159, 151

Tritanomaly

148, 155, 163

Monochromacy



Original Color

145, 158, 162

Achromatopsia

156, 156, 156

Achromatomaly

152, 157, 158

CSS Examples

Text

The CSS property to change the color of the text to RYB 145, 158, 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(145, 162, 150)` looks like.

```
.text, #text, p{  
    color:rgb(145, 162, 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(145, 162, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 162, 150) }
```

Border

The CSS property to change the border of an element to RYB 145, 158, 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(145, 162, 150) }
```

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

```
.border{ border-color:rgb(145, 162, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 162, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 162, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 162, 150);  
box-shadow:4px 4px 4px 4px rgb(145, 162,  
150) }
```

Background

The CSS property to change the background color of an element to RYB 145, 158, 162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 162, 150) }
```

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

```
.background{ background-color: rgb(145,  
162, 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](#).

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