

Converting Colors

`RYB(148, 153, 156)`

Have a look what the booklet for
RYB(148, 153, 156) contains.

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Color

R_YB(148, 153, 156)

Conversions

Conversions Part 1

Format	Color
Hex	949C99
RGB	148, 156, 153
RGB Percent	58%, 61%, 60%
CMY	0.4196, 0.3882, 0.4008
CMYK	0.05, 0.00, 0.02, 0.39
HSL	156°, 4%, 60%
HSV	156°, 5%, 61%
XYZ	29.8345, 32.3661, 34.7253
YIQ	153.2660, -3.8050, -2.6290

Conversions

Conversions Part 2

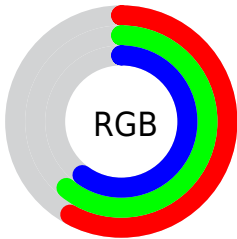
Format	Color
RYB	148, 153, 156
Decimal	9739417
CIELab	63.64, -3.49, 0.67
CIELCh	64, 3.554, 169.077
Yxy	32.3661, 0.3078, 0.3339
Android (android.graphics.Color)	4287929497 (0xFF949C99)
YUV	153.2660, -0.1311, -4.6183
Hunter-Lab	56.8912, -5.9521, 3.6344

Details

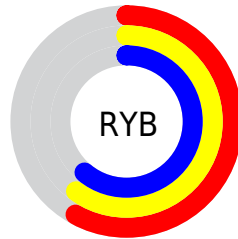
The RYB color **148, 153, 156** is a light color, and the websafe version is hex **999999**. A complement of this color would be **156, 148, 151**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **202, 207, 210**, and **97, 102, 105** is the 20% darker color. If you saturate the color by 10%, you get **132, 147, 156**, and if you desaturate by 10%, it is **164, 156, 159**.

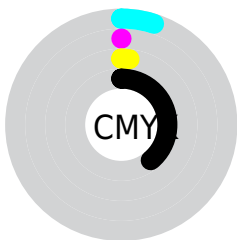
Distribution



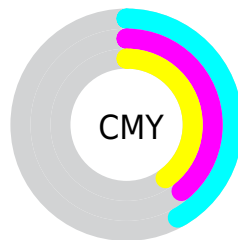
- Red (58%)
- Green (61%)
- Blue (60%)



- Red (58%)
- Yellow (60%)
- Blue (61%)



- Cyan (5%)
- Magenta (0%)
- Yellow (2%)
- Black (39%)



- Cyan (42%)
- Magenta (39%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 148, 153, 156 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 148, 153, 156 by changing the saturation by 10% instead.

■ 148, 153, 156

255, 255, 255

■ 202, 207, 210

■ 230, 236, 239

■ 148, 153, 156

■ 122, 127, 130

■ 97, 102, 105

■ 74, 78, 81

■ 51, 55, 58

■ 30, 34, 36

■ 5, 11, 15


■ 0, 0, 0

■ 148, 153, 156


■ 132, 147, 156

■ 148, 153, 156


■ 164, 156, 159


 117, 142, 156


 179, 156, 165

 101, 135, 156


 195, 156, 172


 86, 130, 156


 210, 156, 178

 70, 124, 156


 226, 156, 184

 54, 118, 156

 242, 156, 190

 39, 112, 156

 255, 156, 196

 23, 106, 156

 255, 156, 203

 8, 100, 156

 255, 156, 209

Harmonies

Analogous

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



150, 155, 154



148, 153, 156



147, 152, 156

Triad

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



148, 153, 156



153, 154, 160



161, 155, 149

Complementary

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



148, 153, 156



156, 148, 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.



161, 152, 152



148, 153, 156



157, 153, 158

Square

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



148, 153, 156



150, 153, 160



160, 152, 155



155, 158, 148

Rectangle

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



148, 153, 156



147, 152, 158



160, 152, 155



161, 152, 150

Sweetspot

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



148, 153, 156



200, 203, 204



148, 156, 153



100, 101, 102



230, 230, 230



102, 102, 102

Same Dimension

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



148, 153, 156



192, 200, 204



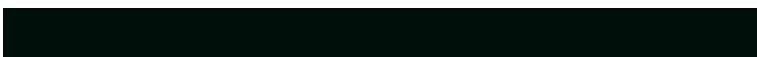
148, 152, 156



74, 77, 79



0, 89, 143



0, 9, 15

Inverse Universe

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



156, 148, 151



204, 192, 197



156, 149, 148



79, 74, 76



143, 0, 57



15, 0, 6

Previews

White Background



This preview shows how the RYB color 148, 153, 156 looks on a white background.

Color Contrast Check

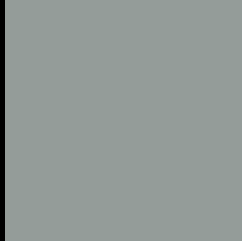
Large Text (above 18pt) WCAG AA × Fail

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 148, 153, 156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

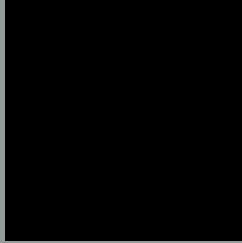
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

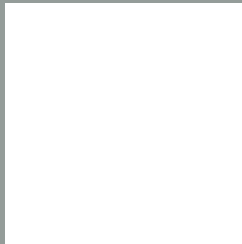
Any Text WCAG AAA ✓ Pass

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

RYB 148, 153, 156 Background



This preview shows how black text looks on a background with the RYB color 148, 153, 156.



This preview shows how white text looks on a background with the RYB color 148, 153, 156.

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](#).

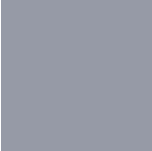
Dichromacy



Original Color
148, 153, 156

Protanopia
157, 154, 151

Deuteranopia
169, 149, 154



Tritanopia
150, 153, 166

Trichromacy



Original Color

148, 153, 156

Protanomaly

152, 154, 152

Deuteranomaly

161, 152, 154

Tritanomaly

149, 153, 161

Monochromacy



Original Color

148, 153, 156

Achromatopsia

153, 153, 153

Achromatomaly

151, 153, 154

CSS Examples

Text

The CSS property to change the color of the text to RGB 148, 153, 156 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(148, 156, 153) looks like.

```
.text, #text, p{  
    color:rgb(148, 156, 153)  
}
```

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(148, 156, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 156, 153) }
```

Border

The CSS property to change the border of an element to RYB 148, 153, 156 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(148, 156, 153) }
```

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

```
.border{ border-color:rgb(148, 156, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 156, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 156, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 156, 153);  
box-shadow:4px 4px 4px 4px rgb(148, 156,  
153) }
```

Background

The CSS property to change the background color of an element to RYB 148, 153, 156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 156, 153) }
```

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

```
.background{ background-color: rgb(148,  
156, 153) }
```

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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