

Converting Colors

`RYB(140, 153, 156)`

Have a look what the booklet for
RYB(140, 153, 156) contains.

RYB(140, 153, 156)	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(140, 153, 156)

Conversions

Conversions Part 1

Format	Color
Hex	8C9C90
RGB	140, 156, 144
RGB Percent	55%, 61%, 56%
CMY	0.4510, 0.3882, 0.4365
CMYK	0.10, 0.00, 0.08, 0.39
HSL	134°, 7%, 58%
HSV	134°, 10%, 61%
XYZ	27.7142, 31.3566, 30.8542
YIQ	149.8480, -5.6840, -7.1240

Conversions

Conversions Part 2

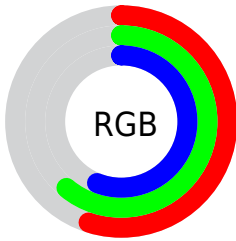
Format	Color
RYB	140, 153, 156
Decimal	9215120
CIELab	62.81, -8.13, 4.51
CIELCh	63, 9.297, 150.985
Yxy	31.3566, 0.3082, 0.3487
Android (android.graphics.Color)	4287405200 (0xFF8C9C90)
YUV	149.8480, -2.8831, -8.6367
Hunter-Lab	55.9970, -9.6508, 6.5293

Details

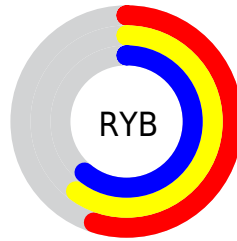
The RYB color **140, 153, 156** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **156, 140, 152**, and the grayscale version is **150, 150, 150**.

A 20% lighter version of the original color is **194, 207, 210**, and **90, 102, 105** is the 20% darker color. If you saturate the color by 10%, you get **124, 150, 156**, and if you desaturate by 10%, it is **156, 156, 156**.

Distribution



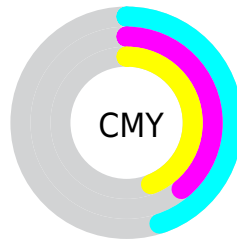
- Red (55%)
- Green (61%)
- Blue (56%)



- Red (55%)
- Yellow (60%)
- Blue (61%)



- Cyan (10%)
- Magenta (0%)
- Yellow (8%)
- Black (39%)




- Cyan (45%)
- Magenta (39%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 140, 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 140, 153, 156 by changing the saturation by 10% instead.


 140, 153, 156


255, 255, 255


 194, 207, 210

 222, 236, 239

 250, 253, 255

 140, 153, 156


 114, 127, 130

 90, 103, 105

 66, 78, 81


 44, 55, 58


 23, 33, 36


 0, 15, 15

 0, 0, 0


 140, 153, 156


 124, 150, 156

 140, 153, 156


 156, 156, 156

 109, 147, 156


 171, 156, 168


 93, 144, 156


 187, 156, 180


 78, 141, 156


 202, 156, 192

 62, 138, 156


 218, 156, 204

 46, 135, 156

 234, 156, 216

 31, 132, 156

 249, 156, 228

 15, 129, 156

 255, 156, 240

 0, 127, 156

 255, 156, 252

Harmonies

Analogous

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



138, 154, 143



140, 153, 156



133, 146, 157

Triad

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



140, 153, 156



144, 151, 168



170, 147, 144

Complementary

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



140, 153, 156



156, 140, 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.



169, 146, 152



140, 153, 156



154, 150, 166

Square

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



140, 153, 156



135, 147, 166



163, 147, 160



166, 156, 138

Rectangle

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



140, 153, 156



131, 144, 157



163, 147, 160



170, 147, 146

Sweetspot

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



140, 153, 156



198, 203, 204



140, 156, 143



98, 101, 102



230, 230, 230



102, 102, 102

Same Dimension

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



140, 153, 156



180, 200, 204



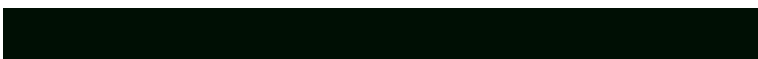
140, 149, 156



71, 77, 79



0, 116, 143



0, 12, 15

Inverse Universe

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



156, 140, 152



204, 180, 198



156, 140, 145



79, 71, 77



143, 0, 110



15, 0, 12

Previews

White Background



This preview shows how the RYB color 140, 153, 156 looks on a white background.

Color Contrast Check

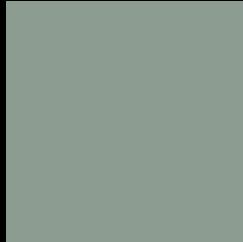
Large Text (above 18pt) WCAG AA × Fail

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 140, 153, 156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

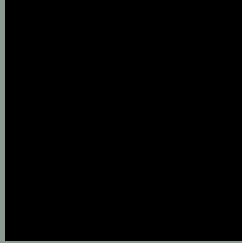
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

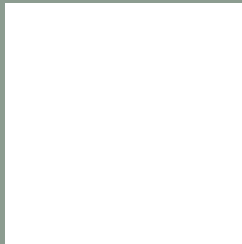
Any Text WCAG AAA ✓ Pass

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

RYB 140, 153, 156 Background



This preview shows how black text looks on a background with the RYB color 140, 153, 156.



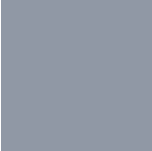
This preview shows how white text looks on a background with the RYB color 140, 153, 156.

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





Tritanopia

144, 150, 165

Trichromacy



Original Color

140, 153, 156

Protanomaly

142, 153, 144

Deuteranomaly

158, 153, 145

Tritanomaly

143, 149, 157

Monochromacy



Original Color

140, 153, 156

Achromatopsia

150, 150, 150

Achromatomaly

146, 151, 152

CSS Examples

Text

The CSS property to change the color of the text to RYB 140, 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(140, 156, 144)` looks like.

```
.text, #text, p{  
    color:rgb(140, 156, 144)  
}
```

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(140, 156, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 156, 144) }
```

Border

The CSS property to change the border of an element to RYB 140, 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(140, 156, 144) }
```

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

```
.border{ border-color:rgb(140, 156, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 156, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(140, 156, 144); -webkit-box-shadow:4px 4px 4px 4px rgb(140, 156, 144); box-shadow:4px 4px 4px 4px rgb(140, 156, 144) }
```

Background

The CSS property to change the background color of an element to RYB 140, 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(140, 156, 144) }
```

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

```
.background{ background-color: rgb(140,  
156, 144) }
```

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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