

Converting Colors

`RYB(147, 156, 170)`

Have a look what the booklet for RYB(147, 156, 170) contains.

RYB(147, 156, 170)	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(147, 156, 170)

Conversions

Conversions Part 1

Format	Color
Hex	93A2AA
RGB	147, 162, 170
RGB Percent	58%, 64%, 67%
CMY	0.4235, 0.3655, 0.3333
CMYK	0.14, 0.05, 0.00, 0.33
HSL	201°, 12%, 62%
HSV	201°, 14%, 67%
XYZ	32.1709, 34.8706, 43.0653
YIQ	158.4270, -11.5080, -0.6920

Conversions

Conversions Part 2

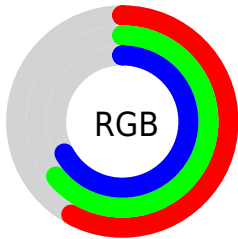
Format	Color
RYB	147, 156, 170
Decimal	9675434
CIELab	65.65, -3.48, -6.04
CIElCh	66, 6.966, 240.065
Yxy	34.8706, 0.2922, 0.3167
Android (android.graphics.Color)	4287865514 (0xFF93A2AA)
YUV	158.4270, 5.7055, -10.0215
Hunter-Lab	59.0513, -6.0936, -1.9035

Details

The RYB color **147, 156, 170** is a light color, and the websafe version is hex **999999**. A complement of this color would be **170, 159, 147**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **201, 211, 225**, and **96, 105, 118** is the 20% darker color. If you saturate the color by 10%, you get **130, 146, 170**, and if you desaturate by 10%, it is **164, 166, 170**.

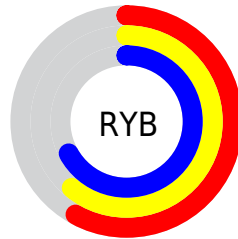
Distribution



Red (58%)

Green (64%)

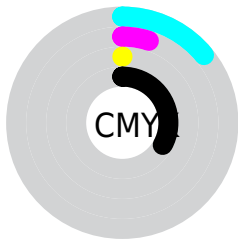
Blue (67%)



Red (58%)

Yellow (61%)

Blue (67%)

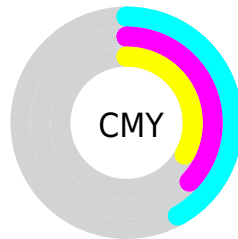


Cyan (14%)

Magenta (5%)

Yellow (0%)

Black (33%)



Cyan (42%)

Magenta (37%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 147, 156, 170 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 147, 156, 170 by changing the saturation by 10% instead.

■ 147, 156, 170

255, 255, 255

■ 201, 211, 225

■ 229, 239, 254

■ 147, 156, 170

■ 121, 130, 144

■ 96, 105, 118

■ 72, 80, 93

■ 49, 57, 70

■ 28, 36, 47

■ 4, 14, 27

■ 0, 0, 0

■ 147, 156, 170

■ 130, 146, 170

■ 147, 156, 170

■ 164, 166, 170

■ 113, 135, 170

■ 181, 176, 170

■ 96, 125, 170

■ 198, 186, 170

■ 79, 114, 170

■ 215, 195, 170

■ 62, 104, 170

■ 232, 204, 170

■ 45, 94, 170

■ 249, 213, 170

■ 28, 83, 170

■ 255, 227, 170

■ 11, 73, 170

■ 255, 246, 170

■ 0, 66, 170

■ 242, 255, 170

Harmonies

Analogous

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



144, 154, 165



147, 156, 170



153, 158, 172

Triad

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



147, 156, 170



172, 155, 160



149, 161, 152

Complementary

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



147, 156, 170



170, 159, 147

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.



156, 165, 147



147, 156, 170



173, 157, 153

Square

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



147, 156, 170



168, 156, 166



170, 162, 149



151, 161, 163

Rectangle

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



147, 156, 170



158, 159, 171



170, 162, 149



148, 160, 148

Sweetspot

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



147, 156, 170



213, 217, 222



147, 164, 170



107, 109, 112



240, 240, 240



112, 112, 112

Same Dimension

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



147, 156, 170



186, 200, 222



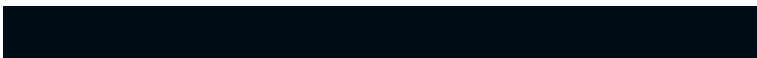
147, 150, 170



76, 79, 84



0, 58, 148



0, 8, 20

Inverse Universe

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



170, 147, 162



222, 186, 209



150, 170, 147



84, 76, 81



148, 0, 95



20, 0, 13

Previews

White Background



This preview shows how the RYB color 147, 156, 170 looks on a white background.

Color Contrast Check

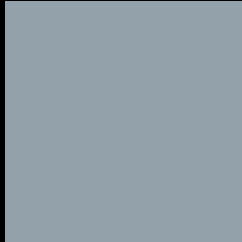
Large Text (above 18pt) WCAG AA × Fail

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 147, 156, 170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

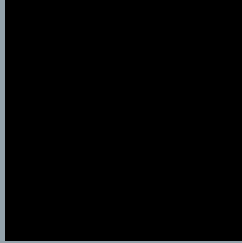
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

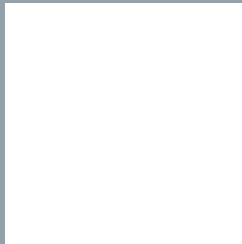
Any Text WCAG AAA ✓ Pass

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

RYB 147, 156, 170 Background



This preview shows how black text looks on a background with the RYB color 147, 156, 170.



This preview shows how white text looks on a background with the RYB color 147, 156, 170.

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
147, 156, 170

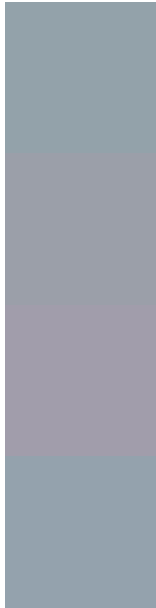
Protanopia
160, 158, 168

Deuteranopia
169, 155, 171



Tritanopia
148, 157, 174

Trichromacy



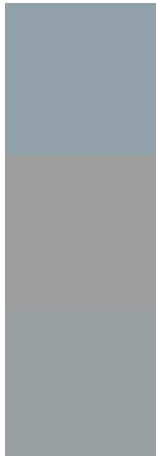
Original Color
147, 156, 170

Protanomaly
155, 158, 169

Deuteranomaly
161, 157, 171

Tritanomaly
148, 157, 173

Monochromacy



Original Color
147, 156, 170

Achromatopsia
158, 158, 158

Achromatomaly
154, 157, 162

CSS Examples

Text

The CSS property to change the color of the text to RGB 147, 156, 170 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(147, 162, 170) looks like.

```
.text, #text, p{  
    color:rgb(147, 162, 170)  
}
```

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(147, 162, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 162, 170) }
```

Border

The CSS property to change the border of an element to RYB 147, 156, 170 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(147, 162, 170) }
```

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

```
.border{ border-color:rgb(147, 162, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 162, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 162, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 162, 170);  
box-shadow:4px 4px 4px 4px rgb(147, 162,  
170) }
```

Background

The CSS property to change the background color of an element to RYB 147, 156, 170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 162, 170) }
```

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

```
.background{ background-color: rgb(147,  
162, 170) }
```

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