

Converting Colors

`RYB(150, 150, 161)`

Have a look what the booklet for
RYB(150, 150, 161) contains.

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Color

RYB(150, 150, 161)

Conversions

Conversions Part 1

Format	Color
Hex	9696A1
RGB	150, 150, 161
RGB Percent	59%, 59%, 63%
CMY	0.4118, 0.4118, 0.3686
CMYK	0.07, 0.07, 0.00, 0.37
HSL	240°, 6%, 61%
HSV	240°, 7%, 63%
XYZ	29.9170, 30.8699, 38.0999
YIQ	151.2540, -3.5310, 3.4210

Conversions

Conversions Part 2

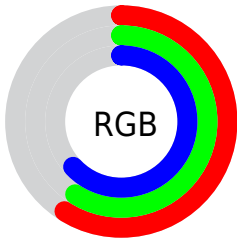
Format	Color
RYB	150, 150, 161
Decimal	9868961
CIELab	62.40, 2.20, -5.77
CIELCh	62, 6.171, 290.860
Yxy	30.8699, 0.3025, 0.3122
Android (android.graphics.Color)	4288059041 (0xFF9696A1)
YUV	151.2540, 4.8048, -1.0998
Hunter-Lab	55.5607, -1.1167, -1.7647

Details

The RYB color **150, 150, 161** is a light color, and the websafe version is hex **999999**. A complement of this color would be **150, 161, 150**, and the grayscale version is **151, 151, 151**.

A 20% lighter version of the original color is **204, 204, 216**, and **99, 99, 110** is the 20% darker color. If you saturate the color by 10%, you get **134, 134, 161**, and if you desaturate by 10%, it is **161, 166, 161**.

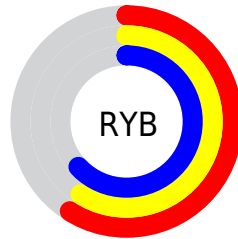
Distribution



Red (59%)

Green (59%)

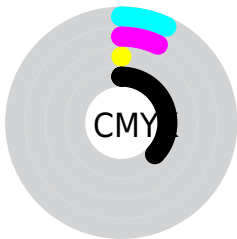
Blue (63%)



Red (59%)

Yellow (59%)

Blue (63%)

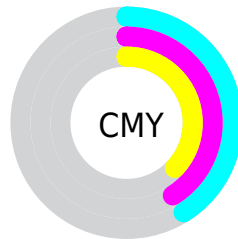


Cyan (7%)

Magenta (7%)

Yellow (0%)

Black (37%)



Cyan (41%)

Magenta (41%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RYB color 150, 150, 161 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 150, 150, 161 by changing the saturation by 10% instead.


 150, 150, 161

255, 255, 255


 204, 204, 216

 232, 232, 244


 150, 150, 161

 124, 124, 135

 99, 99, 110


 75, 75, 85

 53, 53, 62


 31, 32, 40


 8, 8, 20

 0, 0, 0

 150, 150, 161

 134, 134, 161

 150, 150, 161

 161, 166, 161

■ 118, 118, 161

■ 161, 182, 161

■ 102, 102, 161

■ 161, 198, 161

■ 86, 86, 161

■ 161, 214, 161

■ 70, 70, 161

■ 161, 231, 161

■ 53, 53, 161

■ 161, 247, 161

■ 37, 37, 161

■ 161, 255, 161

■ 21, 21, 161

■ 5, 5, 161

Harmonies

Analogous

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



143, 149, 161



150, 150, 161



156, 148, 158

Triad

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



150, 150, 161



162, 150, 143



140, 149, 154

Complementary

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



150, 150, 161



150, 161, 150

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.



144, 153, 152



150, 150, 161



152, 157, 140

Square

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



150, 150, 161



163, 147, 147



141, 152, 142



138, 146, 154

Rectangle

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



150, 150, 161



160, 148, 155



141, 152, 142



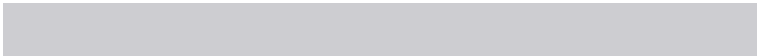
141, 150, 154

Sweetspot

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



150, 150, 161



205, 205, 209



150, 156, 161



102, 102, 105



232, 232, 232



105, 105, 105

Same Dimension

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



150, 150, 161



192, 192, 209



155, 150, 161



73, 73, 82



0, 0, 145



0, 0, 18

Inverse Universe

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



161, 150, 161



209, 192, 209



150, 161, 156



82, 73, 82



145, 0, 145



18, 0, 18

Previews

White Background



This preview shows how the RYB color 150, 150, 161 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 150, 150, 161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

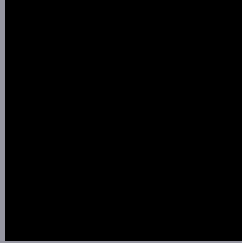
Any Text WCAG AA ✓ Pass

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 150, 150, 161 Background



This preview shows how black text looks on a background with the RYB color 150, 150, 161.



This preview shows how white text looks on a background with the RYB color 150, 150, 161.

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

150, 150, 161

Protanopia

151, 150, 161

Deuteranopia

160, 146, 162



Tritanopia
150, 150, 162

Trichromacy



Original Color

150, 150, 161

Protanomaly

151, 150, 161

Deuteranomaly

156, 147, 162

Tritanomaly

150, 150, 162

Monochromacy



Original Color

150, 150, 161

Achromatopsia

151, 151, 151

Achromatomaly

151, 151, 155

CSS Examples

Text

The CSS property to change the color of the text to RYB 150, 150, 161 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(150, 150, 161) looks like.

```
.text, #text, p{  
    color:rgb(150, 150, 161)  
}
```

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(150, 150, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 150, 161) }
```

Border

The CSS property to change the border of an element to RYB 150, 150, 161 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(150, 150, 161) }
```

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

```
.border{ border-color:rgb(150, 150, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 150, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(150, 150, 161); -webkit-box-shadow:4px 4px 4px 4px rgb(150, 150, 161); box-shadow:4px 4px 4px 4px rgb(150, 150, 161) }
```

Background

The CSS property to change the background color of an element to RYB 150, 150, 161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 150, 161) }
```

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

```
.background{ background-color: rgb(150,  
150, 161) }
```

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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