

Converting Colors

`RYB(150, 161, 199)`

Have a look what the booklet for
RYB(150, 161, 199) contains.

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Color

R_YB(150, 161, 199)

Conversions

Conversions Part 1

Format	Color
Hex	96A4C7
RGB	150, 164, 199
RGB Percent	59%, 64%, 78%
CMY	0.4118, 0.3561, 0.2196
CMYK	0.25, 0.17, 0.00, 0.22
HSL	223°, 30%, 68%
HSV	223°, 25%, 78%
XYZ	36.1949, 37.2245, 59.3102
YIQ	163.8040, -19.5790, 7.9170

Conversions

Conversions Part 2

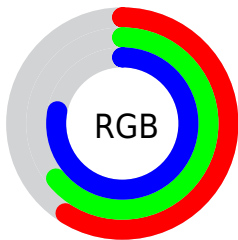
Format	Color
RYB	150, 161, 199
Decimal	9872583
CIELab	67.45, 2.74, -19.47
CIELCh	67, 19.658, 278.007
Yxy	37.2245, 0.2727, 0.2805
Android (android.graphics.Color)	4288062663 (0xFF96A4C7)
YUV	163.8040, 17.3516, -12.1061
Hunter-Lab	61.0118, -0.8766, -14.9281

Details

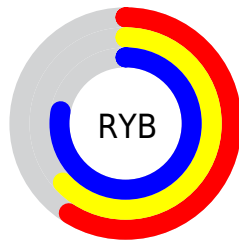
The RYB color **150, 161, 199** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **170, 199, 150**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **205, 216, 255**, and **98, 109, 145** is the 20% darker color. If you saturate the color by 10%, you get **130, 146, 199**, and if you desaturate by 10%, it is **170, 176, 199**.

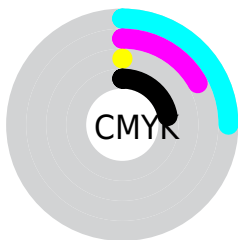
Distribution



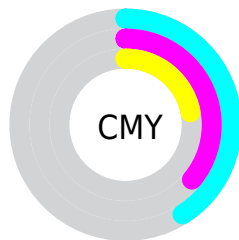
- Red (59%)
- Green (64%)
- Blue (78%)



- Red (59%)
- Yellow (63%)
- Blue (78%)



- Cyan (25%)
- Magenta (17%)
- Yellow (0%)
- Black (22%)



- Cyan (41%)
- Magenta (36%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RYB color 150, 161, 199 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, 161, 199 by changing the saturation by 10% instead.

■ 150, 161, 199

255, 255, 255

■ 205, 216, 255

■ 233, 242, 255

■ 150, 161, 199

■ 124, 135, 172

■ 98, 109, 145

■ 73, 84, 119

■ 49, 61, 94

■ 26, 38, 71


■ 1, 16, 48

■ 0, 1, 27


■ 0, 0, 0


■ 150, 161, 199


■ 150, 161, 199

 130, 146, 199

 170, 176, 199

 110, 130, 199


 190, 192, 199

 90, 115, 199


 203, 210, 199

 70, 99, 199

 212, 230, 199

 51, 84, 199

 220, 250, 199

 31, 68, 199

 206, 255, 199

 11, 53, 199

 199, 255, 199

 0, 45, 199

Harmonies

Analogous

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



128, 154, 197



150, 161, 199



173, 158, 192

Triad

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



150, 161, 199



199, 157, 143



133, 161, 173

Complementary

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



150, 161, 199



170, 199, 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.



136, 170, 153



150, 161, 199



189, 183, 132

Square

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



150, 161, 199



200, 152, 160



139, 173, 129



119, 148, 174

Rectangle

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



150, 161, 199



186, 155, 183



139, 173, 129



140, 168, 172

Sweetspot

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



150, 161, 199



237, 241, 255



150, 179, 199



117, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



150, 161, 199



179, 196, 255



160, 150, 199



90, 92, 99



0, 36, 163



0, 8, 36

Inverse Universe

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



199, 150, 164



255, 179, 201



150, 199, 160



99, 90, 92



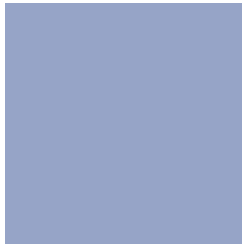
163, 0, 47



36, 0, 10

Previews

White Background



This preview shows how the RYB color 150, 161, 199 looks on a white background.

Color Contrast Check

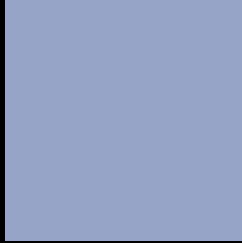
Large Text (above 18pt) WCAG AA × Fail

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, 161, 199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

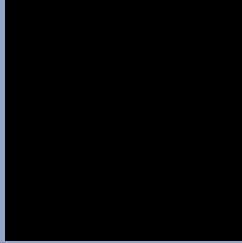
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

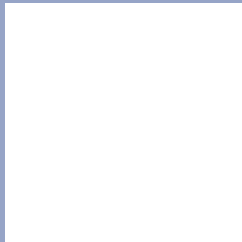
Any Text WCAG AAA ✓ Pass

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

RYB 150, 161, 199 Background



This preview shows how black text looks on a background with the RYB color 150, 161, 199.



This preview shows how white text looks on a background with the RYB color 150, 161, 199.

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](#).

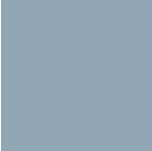
Dichromacy



Original Color
150, 161, 199

Protanopia
156, 161, 198

Deuteranopia
162, 160, 200



Tritanopia
146, 159, 181

Trichromacy



Original Color
150, 161, 199

Protanomaly
154, 161, 198

Deuteranomaly
158, 162, 200

Tritanomaly
147, 160, 188

Monochromacy



Original Color
150, 161, 199

Achromatopsia
164, 164, 164

Achromatomaly
159, 163, 177

CSS Examples

Text

The CSS property to change the color of the text to RYB 150, 161, 199 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, 164, 199)` looks like.

```
.text, #text, p{  
    color:rgb(150, 164, 199)  
}
```

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, 164, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 164, 199) }
```

Border

The CSS property to change the border of an element to RYB 150, 161, 199 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, 164, 199) }
```

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

```
.border{ border-color:rgb(150, 164, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 164, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 164, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 164, 199);  
box-shadow:4px 4px 4px 4px rgb(150, 164,  
199) }
```

Background

The CSS property to change the background color of an element to RYB 150, 161, 199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 164, 199) }
```

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

```
.background{ background-color: rgb(150,  
164, 199) }
```

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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