

Converting Colors

`RYB(165, 175, 195)`

Have a look what the booklet for
RYB(165, 175, 195) contains.

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Color

R_YB(165, 175, 195)

Conversions

Conversions Part 1

Format	Color
Hex	A5B4C3
RGB	165, 180, 195
RGB Percent	65%, 71%, 76%
CMY	0.3529, 0.2941, 0.2353
CMYK	0.15, 0.08, 0.00, 0.24
HSL	210°, 20%, 71%
HSV	210°, 15%, 76%
XYZ	41.6886, 44.5820, 58.0377
YIQ	177.2250, -13.7550, 1.4850

Conversions

Conversions Part 2

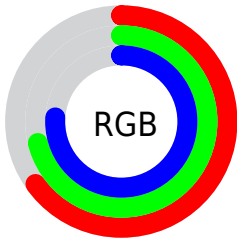
Format	Color
RYB	165, 175, 195
Decimal	10859715
CIELab	72.62, -2.07, -9.38
CIElCh	73, 9.601, 257.549
Yxy	44.5820, 0.2889, 0.3089
Android (android.graphics.Color)	4289049795 (0xFFA5B4C3)
YUV	177.2250, 8.7631, -10.7213
Hunter-Lab	66.7697, -5.3980, -4.7973

Details

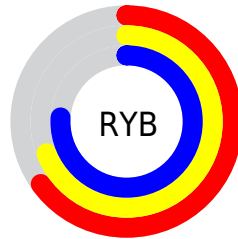
The RYB color **165, 175, 195** is a light color, and the websafe version is hex **999999**. A complement of this color would be **195, 195, 165**, and the grayscale version is **177, 177, 177**.

A 20% lighter version of the original color is **220, 231, 252**, and **113, 122, 141** is the 20% darker color. If you saturate the color by 10%, you get **146, 162, 195**, and if you desaturate by 10%, it is **185, 188, 195**.

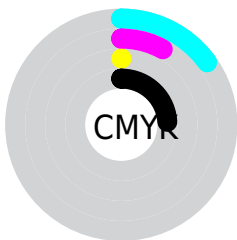
Distribution



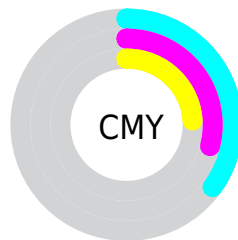
- Red (65%)
- Green (71%)
- Blue (76%)



- Red (65%)
- Yellow (69%)
- Blue (76%)



- Cyan (15%)
- Magenta (8%)
- Yellow (0%)
- Black (24%)



- Cyan (35%)
- Magenta (29%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 165, 175, 195 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 165, 175, 195 by changing the saturation by 10% instead.


 165, 175, 195

255, 255, 255

 220, 231, 252

 249, 252, 255

 165, 175, 195

 139, 148, 168

 113, 122, 141

 88, 97, 116

 64, 73, 91

 42, 51, 68

 20, 29, 46

 0, 8, 25

 0, 0, 0

 165, 175, 195

 165, 175, 195

■ 146, 162, 195

■ 185, 188, 195

■ 126, 149, 195

■ 204, 202, 195

■ 107, 136, 195

■ 224, 222, 195

■ 87, 123, 195

■ 243, 243, 195

■ 68, 110, 195

■ 241, 255, 195

■ 48, 97, 195

■ 219, 255, 195

■ 29, 84, 195

■ 203, 255, 195

■ 9, 71, 195

■ 195, 255, 195

■ 0, 65, 195

Harmonies

Analogous

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



158, 172, 191



165, 175, 195



175, 177, 195

Triad

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



165, 175, 195



197, 172, 173



166, 182, 178

Complementary

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



165, 175, 195



195, 195, 165

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.



162, 180, 161



165, 175, 195



196, 177, 166

Square

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



165, 175, 195



194, 173, 182



185, 189, 161



161, 175, 183

Rectangle

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



165, 175, 195



183, 175, 192



185, 189, 161



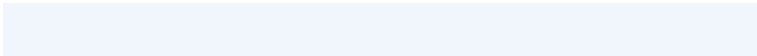
164, 181, 172

Sweetspot

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



165, 175, 195



240, 244, 252



165, 185, 195



120, 123, 128



0, 0, 0



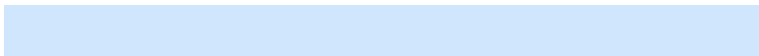
128, 128, 128

Same Dimension

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



165, 175, 195



207, 222, 252



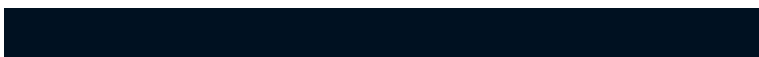
165, 166, 195



87, 90, 97



0, 53, 161



0, 11, 33

Inverse Universe

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



195, 165, 180



252, 207, 230



165, 195, 165



97, 87, 92



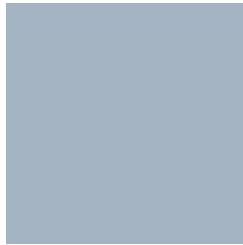
161, 0, 80



33, 0, 17

Previews

White Background



This preview shows how the RYB color 165, 175, 195 looks on a white background.

Color Contrast Check

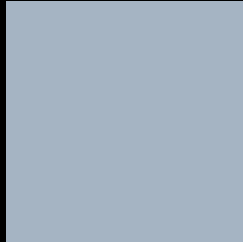
Large Text (above 18pt) WCAG AA × Fail

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 165, 175, 195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

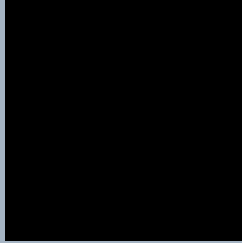
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

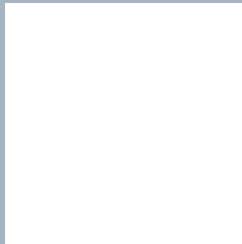
Any Text WCAG AAA ✓ Pass

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

RYB 165, 175, 195 Background



This preview shows how black text looks on a background with the RYB color 165, 175, 195.



This preview shows how white text looks on a background with the RYB color 165, 175, 195.

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](#).

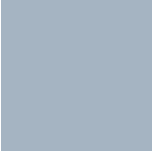
Dichromacy



Original Color
165, 175, 195

Protanopia
177, 177, 193

Deuteranopia
187, 173, 196



Tritanopia
165, 175, 194

Trichromacy



Original Color

165, 175, 195

Protanomaly

173, 177, 194

Deuteranomaly

179, 176, 196

Tritanomaly

165, 175, 194

Monochromacy



Original Color

165, 175, 195

Achromatopsia

177, 177, 177

Achromatomaly

173, 176, 184

CSS Examples

Text

The CSS property to change the color of the text to RYB 165, 175, 195 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(165, 180, 195)` looks like.

```
.text, #text, p{  
    color:rgb(165, 180, 195)  
}
```

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(165, 180, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 180, 195) }
```

Border

The CSS property to change the border of an element to RYB 165, 175, 195 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(165, 180, 195) }
```

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

```
.border{ border-color:rgb(165, 180, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 180, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 180, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 180, 195);  
box-shadow:4px 4px 4px 4px rgb(165, 180,  
195) }
```

Background

The CSS property to change the background color of an element to RYB 165, 175, 195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 180, 195) }
```

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

```
.background{ background-color: rgb(165,  
180, 195) }
```

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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