

Converting Colors

`RYB(149, 159, 165)`

Have a look what the booklet for RYB(149, 159, 165) contains.

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Color

R_YB(149, 159, 165)

Conversions

Conversions Part 1

Format	Color
Hex	95A59F
RGB	149, 165, 159
RGB Percent	58%, 65%, 62%
CMY	0.4157, 0.3529, 0.3780
CMYK	0.10, 0.00, 0.04, 0.35
HSL	156°, 8%, 62%
HSV	156°, 10%, 65%
XYZ	32.0729, 35.7892, 37.8368
YIQ	159.5320, -7.6100, -5.2580

Conversions

Conversions Part 2

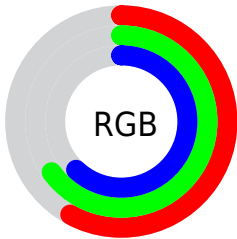
Format	Color
RYB	149, 159, 165
Decimal	9807263
CIELab	66.36, -6.89, 1.39
CIELCh	66, 7.033, 168.617
Yxy	35.7892, 0.3034, 0.3386
Android (android.graphics.Color)	4287997343 (0xFF95A59F)
YUV	159.5320, -0.2623, -9.2366
Hunter-Lab	59.8240, -8.9946, 4.3778

Details

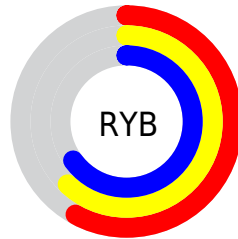
The RYB color **149, 159, 165** is a light color, and the websafe version is hex **999999**. A complement of this color would be **165, 149, 155**, and the grayscale version is **159, 159, 159**.

A 20% lighter version of the original color is **203, 213, 220**, and **98, 107, 113** is the 20% darker color. If you saturate the color by 10%, you get **132, 153, 165**, and if you desaturate by 10%, it is **165, 165, 165**.

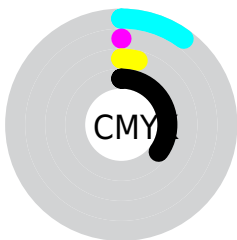
Distribution



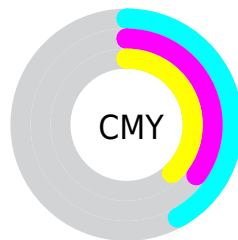
- Red (58%)
- Green (65%)
- Blue (62%)



- Red (58%)
- Yellow (62%)
- Blue (65%)



- Cyan (10%)
- Magenta (0%)
- Yellow (4%)
- Black (35%)



- Cyan (42%)
- Magenta (35%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 149, 159, 165 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 149, 159, 165 by changing the saturation by 10% instead.


 149, 159, 165


255, 255, 255

 203, 214, 220

 231, 242, 249

 149, 159, 165

 123, 133, 139

 98, 107, 113

 74, 83, 89


 52, 60, 65


 30, 38, 43

 7, 16, 23

 0, 0, 0

 149, 159, 165


 132, 153, 165

 149, 159, 165


 165, 165, 165

 116, 147, 165


 182, 165, 172


 99, 140, 165


 199, 165, 178


 83, 134, 165


 215, 165, 185

 67, 128, 165


 231, 165, 192

 50, 122, 165

 248, 165, 198

 33, 116, 165

 255, 165, 205

 17, 109, 165

 255, 165, 211

 0, 103, 165

 255, 165, 218

Harmonies

Analogous

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



153, 164, 162



149, 159, 165



146, 156, 165

Triad

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



149, 159, 165



160, 161, 173



174, 160, 152

Complementary

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



149, 159, 165



165, 149, 155

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.



175, 157, 158



149, 159, 165



167, 159, 170

Square

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



149, 159, 165



152, 159, 173



173, 157, 164



165, 169, 149

Rectangle

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



149, 159, 165



146, 156, 169



173, 157, 164



175, 159, 154

Sweetspot

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



149, 159, 165



208, 212, 214



149, 165, 158



103, 106, 107



235, 235, 235



107, 107, 107

Same Dimension

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



149, 159, 165



188, 204, 214



149, 157, 165



73, 79, 82



0, 91, 145



0, 11, 18

Inverse Universe

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



165, 149, 155



214, 188, 199



165, 150, 149



82, 73, 77



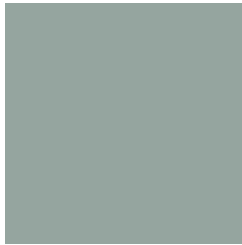
145, 0, 58



18, 0, 7

Previews

White Background



This preview shows how the RYB color 149, 159, 165 looks on a white background.

Color Contrast Check

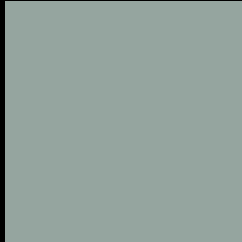
Large Text (above 18pt) WCAG AA × Fail

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 149, 159, 165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

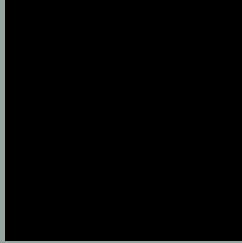
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

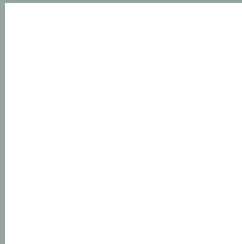
Any Text WCAG AAA ✓ Pass

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

RYB 149, 159, 165 Background



This preview shows how black text looks on a background with the RYB color 149, 159, 165.



This preview shows how white text looks on a background with the RYB color 149, 159, 165.

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
152, 159, 175

Trichromacy



Original Color

149, 159, 165

Protanomaly

157, 162, 160

Deuteranomaly

167, 159, 159

Tritanomaly

151, 158, 169

Monochromacy



Original Color

149, 159, 165

Achromatopsia

159, 159, 159

Achromatomaly

155, 159, 161

CSS Examples

Text

The CSS property to change the color of the text to RGB 149, 159, 165 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(149, 165, 159) looks like.

```
.text, #text, p{  
    color:rgb(149, 165, 159)  
}
```

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(149, 165, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 165, 159) }
```

Border

The CSS property to change the border of an element to RYB 149, 159, 165 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(149, 165, 159) }
```

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

```
.border{ border-color:rgb(149, 165, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 165, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(149, 165, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(149, 165, 159); box-shadow:4px 4px 4px 4px rgb(149, 165, 159) }
```

Background

The CSS property to change the background color of an element to RYB 149, 159, 165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 165, 159) }
```

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

```
.background{ background-color: rgb(149,  
165, 159) }
```

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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