

Converting Colors

`RYB(159, 157, 165)`

Have a look what the booklet for
RYB(159, 157, 165) contains.

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Color

R_YB(159, 157, 165)

Conversions

Conversions Part 1

Format	Color
Hex	9F9DA5
RGB	159, 157, 165
RGB Percent	62%, 62%, 65%
CMY	0.3765, 0.3843, 0.3529
CMYK	0.04, 0.05, 0.00, 0.35
HSL	255°, 4%, 63%
HSV	255°, 5%, 65%
XYZ	33.1466, 34.2015, 40.4518
YIQ	158.5100, -1.3760, 2.9120

Conversions

Conversions Part 2

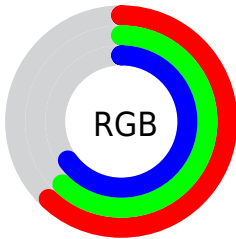
Format	Color
RYB	159, 157, 165
Decimal	10460581
CIELab	65.12, 2.28, -3.91
CIELCh	65, 4.525, 300.203
Yxy	34.2015, 0.3075, 0.3173
Android (android.graphics.Color)	4288650661 (0xFF9F9DA5)
YUV	158.5100, 3.1996, 0.4297
Hunter-Lab	58.4820, -1.1729, -0.0733

Details

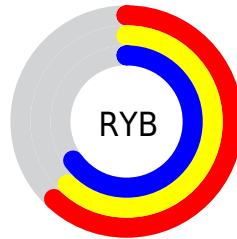
The RYB color **159, 157, 165** is a light color, and the websafe version is hex **999999**. A complement of this color would be **157, 165, 159**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **214, 212, 220**, and **108, 106, 113** is the 20% darker color. If you saturate the color by 10%, you get **147, 140, 165**, and if you desaturate by 10%, it is **165, 173, 167**.

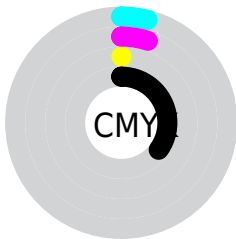
Distribution



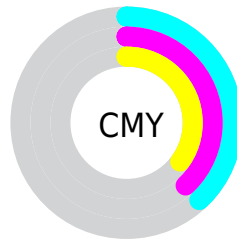
- Red (62%)
- Green (62%)
- Blue (65%)



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



- Cyan (4%)
- Magenta (5%)
- Yellow (0%)
- Black (35%)



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

Brightness & Saturation Gradients

These gradients show how the RYB color 159, 157, 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 159, 157, 165 by changing the saturation by 10% instead.

 159, 157, 165

255, 255, 255

 214, 212, 220

 242, 240, 248

 159, 157, 165

 133, 131, 139

 108, 106, 113

 83, 82, 89

 60, 59, 65

 39, 37, 43

 18, 16, 23

 0, 0, 0

 159, 157, 165

 147, 140, 165

 159, 157, 165

 165, 173, 167

■ 134, 124, 165

■ 165, 190, 171

■ 122, 107, 165

■ 165, 206, 175

■ 109, 91, 165

■ 165, 223, 179

■ 97, 74, 165

■ 165, 239, 183

■ 85, 58, 165

■ 165, 255, 187

■ 72, 42, 165

■ 165, 255, 174

■ 60, 25, 165

■ 165, 255, 165

■ 48, 8, 165

Harmonies

Analogous

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



154, 157, 166



159, 157, 165



164, 156, 162

Triad

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



159, 157, 165



165, 159, 151



149, 156, 161

Complementary

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



159, 157, 165



157, 165, 159

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.



152, 158, 160



159, 157, 165



156, 162, 150

Square

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



159, 157, 165



167, 156, 154



151, 159, 153



148, 154, 162

Rectangle

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



159, 157, 165



166, 155, 160



151, 159, 153



150, 156, 160

Sweetspot

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



159, 157, 165



213, 212, 214



157, 160, 165



106, 106, 107



235, 235, 235



107, 107, 107

Same Dimension

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



159, 157, 165



205, 201, 214



163, 157, 165



77, 76, 82



36, 0, 145



4, 0, 18

Inverse Universe

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



165, 157, 163



214, 201, 211



157, 165, 163



82, 76, 80



145, 0, 109



18, 0, 13

Previews

White Background



This preview shows how the RYB color 159, 157, 165 looks on a white background.

Color Contrast Check

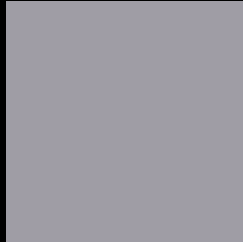
Large Text (above 18pt) WCAG AA × Fail

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 159, 157, 165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

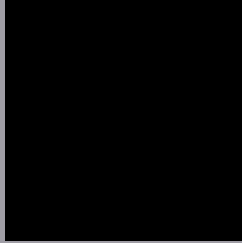
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

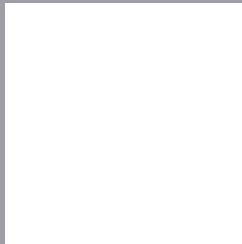
Any Text WCAG AAA ✓ Pass

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

RYB 159, 157, 165 Background



This preview shows how black text looks on a background with the RYB color 159, 157, 165.



This preview shows how white text looks on a background with the RYB color 159, 157, 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



Original Color
159, 157, 165

Protanopia
159, 157, 165

Deuteranopia
170, 153, 166



Tritanopia
160, 156, 169

Trichromacy



Original Color

159, 157, 165

Protanomaly

159, 157, 165

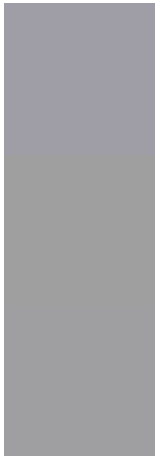
Deuteranomaly

166, 154, 166

Tritanomaly

160, 156, 168

Monochromacy



Original Color

159, 157, 165

Achromatopsia

159, 159, 159

Achromatomaly

159, 158, 161

CSS Examples

Text

The CSS property to change the color of the text to RYB 159, 157, 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(159, 157, 165) looks like.

```
.text, #text, p{  
    color:rgb(159, 157, 165)  
}
```

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(159, 157, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 157, 165) }
```

Border

The CSS property to change the border of an element to RYB 159, 157, 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(159, 157, 165) }
```

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

```
.border{ border-color:rgb(159, 157, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 157, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 157, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 157, 165);  
box-shadow:4px 4px 4px 4px rgb(159, 157,  
165) }
```

Background

The CSS property to change the background color of an element to RYB 159, 157, 165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 157, 165) }
```

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

```
.background{ background-color: rgb(159,  
157, 165) }
```

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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