

Converting Colors

`RYB(165, 149, 161)`

Have a look what the booklet for
RYB(165, 149, 161) contains.

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Color

R_YB(165, 149, 161)

Conversions

Conversions Part 1

Format	Color
Hex	A595A1
RGB	165, 149, 161
RGB Percent	65%, 58%, 63%
CMY	0.3529, 0.4157, 0.3686
CMYK	0.00, 0.10, 0.02, 0.35
HSL	315°, 8%, 62%
HSV	315°, 10%, 65%
XYZ	32.6975, 32.0674, 38.1845
YIQ	155.1520, 5.6840, 7.1240

Conversions

Conversions Part 2

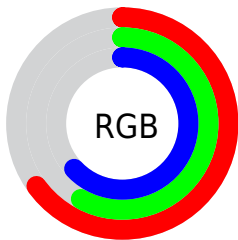
Format	Color
R_{YB}	165, 149, 161
Decimal	10851745
CIE _{Lab}	63.40, 8.11, -4.14
CIE _{LCh}	63, 9.107, 332.928
Yxy	32.0674, 0.3176, 0.3115
Android (android.graphics.Color)	4289041825 (0xFFA595A1)
YUV	155.1520, 2.8831, 8.6367
Hunter-Lab	56.6281, 3.9681, -0.3397

Details

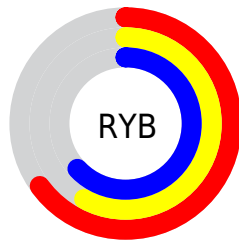
The RYB color **165, 149, 161** is a light color, and the websafe version is hex **999999**. A complement of this color would be **149, 162, 165**, and the grayscale version is **155, 155, 155**.

A 20% lighter version of the original color is **220, 203, 216**, and **113, 98, 110** is the 20% darker color. If you saturate the color by 10%, you get **165, 132, 157**, and if you desaturate by 10%, it is **165, 165, 165**.

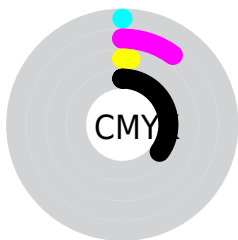
Distribution



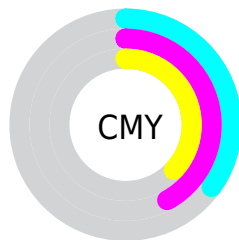
- Red (65%)
- Green (58%)
- Blue (63%)



- Red (65%)
- Yellow (58%)
- Blue (63%)



- Cyan (0%)
- Magenta (10%)
- Yellow (2%)
- Black (35%)



- Cyan (35%)
- Magenta (42%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RYB color 165, 149, 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 165, 149, 161 by changing the saturation by 10% instead.


 165, 149, 161

255, 255, 255

 220, 203, 216


 249, 231, 244

 165, 149, 161

 139, 123, 135

 113, 98, 110

 89, 74, 85

 65, 52, 62

 43, 31, 40

 23, 6, 20

 0, 0, 0

 165, 149, 161

 165, 132, 157

 165, 149, 161

 165, 165, 165

165, 116, 153

165, 179, 182

165, 99, 149

165, 193, 199

165, 83, 144

165, 205, 215

165, 67, 140

165, 217, 231

165, 50, 136

165, 231, 248

165, 33, 132

165, 235, 255

165, 17, 128

165, 233, 255

165, 0, 124

165, 231, 255

Harmonies

Analogous

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



156, 151, 167



165, 149, 161



170, 148, 153

Triad

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



165, 149, 161



145, 159, 137



133, 146, 162

Complementary

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



165, 149, 161



149, 162, 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.



135, 148, 158



165, 149, 161



140, 156, 146

Square

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



165, 149, 161



167, 160, 139



141, 154, 158



138, 149, 168

Rectangle

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



165, 149, 161



171, 148, 147



141, 154, 158



133, 146, 159

Sweetspot

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



165, 149, 161



214, 208, 213



153, 149, 165



107, 103, 106



235, 235, 235



107, 107, 107

Same Dimension

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



165, 149, 161



214, 188, 208



165, 149, 153



82, 73, 80



145, 0, 109



18, 0, 13

Inverse Universe

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



165, 149, 161



214, 188, 208



149, 158, 165



82, 73, 80



145, 0, 109



18, 0, 13

Previews

White Background



This preview shows how the RYB color 165, 149, 161 looks on a white background.

Color Contrast Check

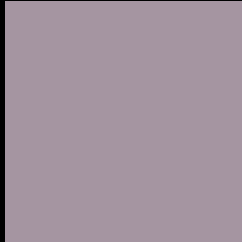
Large Text (above 18pt) WCAG AA × Fail

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 165, 149, 161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

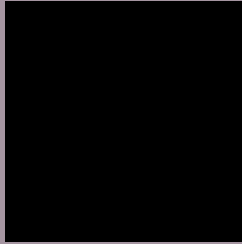
Any Text WCAG AA ✓ Pass

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 165, 149, 161 Background



This preview shows how black text looks on a background with the RYB color 165, 149, 161.

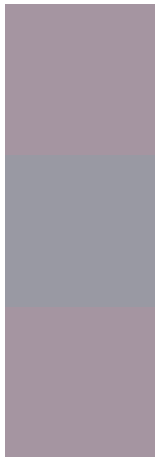


This preview shows how white text looks on a background with the RYB color 165, 149, 161.

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
165, 149, 161

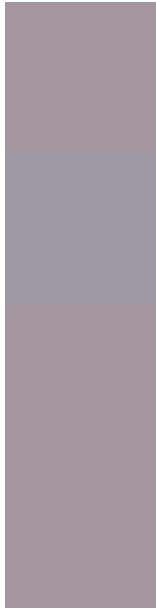
Protanopia
153, 153, 163

Deuteranopia
165, 149, 161



Tritanopia
165, 149, 161

Trichromacy



Original Color

165, 149, 161

Protanomaly

157, 152, 162

Deuteranomaly

165, 149, 161

Tritanomaly

165, 149, 161

Monochromacy



Original Color

165, 149, 161

Achromatopsia

155, 155, 155

Achromatomaly

159, 153, 157

CSS Examples

Text

The CSS property to change the color of the text to RYB 165, 149, 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(165, 149, 161) looks like.

```
.text, #text, p{  
    color:rgb(165, 149, 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(165, 149, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 149, 161) }
```

Border

The CSS property to change the border of an element to RYB 165, 149, 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(165, 149, 161) }
```

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

```
.border{ border-color:rgb(165, 149, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 149, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 149, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 149, 161);  
box-shadow:4px 4px 4px 4px rgb(165, 149,  
161) }
```

Background

The CSS property to change the background color of an element to RYB 165, 149, 161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 149, 161) }
```

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

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