

Converting Colors

`RYB(161, 145, 156)`

Have a look what the booklet for RYB(161, 145, 156) contains.

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Color

R_YB(161, 145, 156)

Conversions

Conversions Part 1

Format	Color
Hex	A1919C
RGB	161, 145, 156
RGB Percent	63%, 57%, 61%
CMY	0.3686, 0.4314, 0.3882
CMYK	0.00, 0.10, 0.03, 0.37
HSL	319°, 8%, 60%
HSV	319°, 10%, 63%
XYZ	30.8241, 30.2282, 35.6625
YIQ	151.0380, 6.0050, 6.8130

Conversions

Conversions Part 2

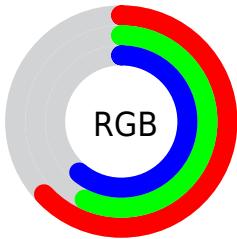
Format	Color
RYB	161, 145, 156
Decimal	10588572
CIELab	61.85, 7.96, -3.64
CIELCh	62, 8.751, 335.436
Yxy	30.2282, 0.3187, 0.3125
Android (android.graphics.Color)	4288778652 (0xFFA1919C)
YUV	151.0380, 2.4463, 8.7367
Hunter-Lab	54.9801, 3.8591, 0.0280

Details

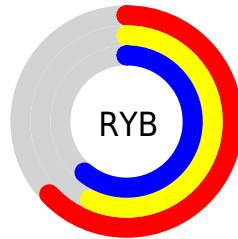
The RYB color **161, 145, 156** is a light color, and the websafe version is hex **999999**. A complement of this color would be **145, 157, 161**, and the grayscale version is **151, 151, 151**.

A 20% lighter version of the original color is **216, 199, 210**, and **109, 95, 105** is the 20% darker color. If you saturate the color by 10%, you get **161, 129, 151**, and if you desaturate by 10%, it is **161, 161, 161**.

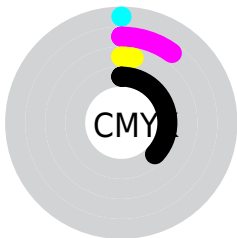
Distribution



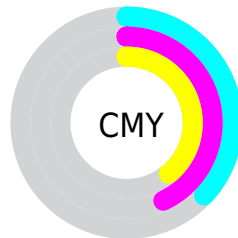
- Red (63%)
- Green (57%)
- Blue (61%)



- Red (63%)
- Yellow (57%)
- Blue (61%)



- Cyan (0%)
- Magenta (10%)
- Yellow (3%)
- Black (37%)




- Cyan (37%)
- Magenta (43%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RYB color 161, 145, 156 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 161, 145, 156 by changing the saturation by 10% instead.

 161, 145, 156

255, 255, 255

 216, 199, 210

 244, 227, 239

 161, 145, 156


 135, 119, 130

 109, 95, 105

 85, 71, 81

 62, 48, 58


 40, 28, 36


 20, 1, 15

 0, 0, 0

 161, 145, 156

 161, 129, 151

 161, 145, 156

 161, 161, 161

■ 161, 113, 146

■ 161, 173, 177

■ 161, 97, 141

■ 161, 185, 193

■ 161, 81, 136

■ 161, 198, 209

■ 161, 65, 131

■ 161, 211, 226

■ 161, 48, 126

■ 161, 223, 242

■ 161, 32, 121

■ 161, 232, 255

■ 161, 16, 116

■ 161, 229, 255

■ 161, 0, 111

■ 161, 227, 255

Harmonies

Analogous

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



153, 147, 162



161, 145, 156



166, 144, 148

Triad

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



161, 145, 156



141, 154, 134



130, 143, 158

Complementary

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



161, 145, 156



145, 157, 161

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.



131, 143, 154



161, 145, 156



137, 152, 143

Square

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



161, 145, 156



162, 155, 136



137, 149, 153



135, 146, 163

Rectangle

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



161, 145, 156



166, 145, 143



137, 149, 153



130, 142, 156

Sweetspot

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



161, 145, 156



209, 203, 207



150, 145, 161



105, 100, 103



232, 232, 232



105, 105, 105

Same Dimension

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



161, 145, 156



209, 184, 201



161, 145, 148



82, 73, 79



145, 0, 100



18, 0, 12

Inverse Universe

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



161, 145, 156



209, 184, 201



145, 154, 161



82, 73, 79



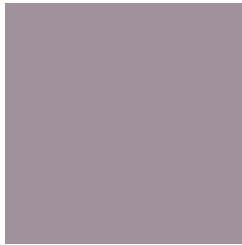
145, 0, 100



18, 0, 12

Previews

White Background



This preview shows how the RYB color 161, 145, 156 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 161, 145, 156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

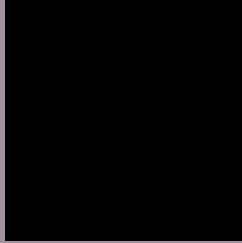
Any Text WCAG AA ✓ Pass

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 161, 145, 156 Background



This preview shows how black text looks on a background with the RYB color 161, 145, 156.



This preview shows how white text looks on a background with the RYB color 161, 145, 156.

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
161, 145, 156

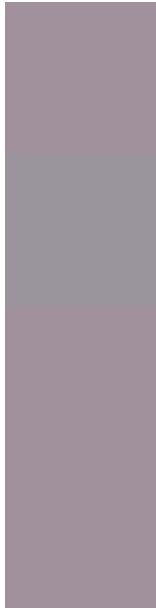
Protanopia
150, 149, 158

Deuteranopia
161, 145, 156



Tritanopia
161, 145, 156

Trichromacy



Original Color

161, 145, 156

Protanomaly

154, 148, 157

Deuteranomaly

161, 145, 156

Tritanomaly

161, 145, 156

Monochromacy



Original Color

161, 145, 156

Achromatopsia

151, 151, 151

Achromatomaly

155, 149, 153

CSS Examples

Text

The CSS property to change the color of the text to RYB 161, 145, 156 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(161, 145, 156) looks like.

```
.text, #text, p{  
    color:rgb(161, 145, 156)  
}
```

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(161, 145, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 145, 156) }
```

Border

The CSS property to change the border of an element to RYB 161, 145, 156 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(161, 145, 156) }
```

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

```
.border{ border-color:rgb(161, 145, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 145, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 145, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 145, 156);  
box-shadow:4px 4px 4px 4px rgb(161, 145,  
156) }
```

Background

The CSS property to change the background color of an element to RYB 161, 145, 156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 145, 156) }
```

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

```
.background{ background-color: rgb(161,  
145, 156) }
```

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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