

Converting Colors

`RYB(161, 157, 164)`

Have a look what the booklet for RYB(161, 157, 164) contains.

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Color

$\text{RYB}(161, 157, 164)$

Conversions

Conversions Part 1

Format	Color
Hex	A19DA4
RGB	161, 157, 164
RGB Percent	63%, 62%, 64%
CMY	0.3686, 0.3843, 0.3569
CMYK	0.02, 0.04, 0.00, 0.36
HSL	274°, 4%, 63%
HSV	274°, 4%, 64%
XYZ	33.4558, 34.3713, 39.9930
YIQ	158.9940, 0.1370, 3.0250

Conversions

Conversions Part 2

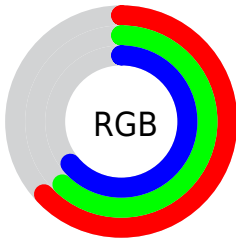
Format	Color
RYB	161, 157, 164
Decimal	10591652
CIELab	65.26, 2.79, -3.13
CIElCh	65, 4.196, 311.669
Yxy	34.3713, 0.3103, 0.3188
Android (android.graphics.Color)	4288781732 (0xFFA19DA4)
YUV	158.9940, 2.4680, 1.7593
Hunter-Lab	58.6271, -0.7357, 0.5938

Details

The RYB color **161, 157, 164** is a light color, and the websafe version is hex **999999**. A complement of this color would be **157, 164, 161**, and the grayscale version is **159, 159, 159**.

A 20% lighter version of the original color is **216, 212, 219**, and **110, 106, 112** is the 20% darker color. If you saturate the color by 10%, you get **154, 141, 164**, and if you desaturate by 10%, it is **164, 173, 169**.

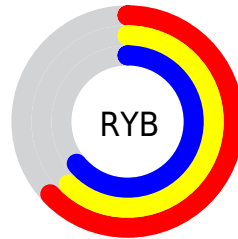
Distribution



Red (63%)

Green (62%)

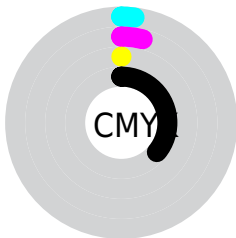
Blue (64%)



Red (63%)

Yellow (62%)

Blue (64%)

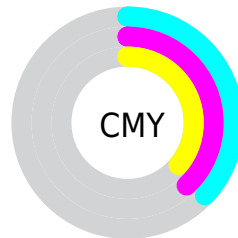


Cyan (2%)

Magenta (4%)

Yellow (0%)

Black (36%)



Cyan (37%)


Magenta (38%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 161, 157, 164 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, 157, 164 by changing the saturation by 10% instead.

 161, 157, 164


255, 255, 255

 216, 212, 219

 244, 240, 247

 161, 157, 164

 135, 131, 138

 110, 106, 112

 85, 82, 88


 62, 59, 65


 40, 37, 43

 20, 16, 22


 0, 0, 0

 161, 157, 164


 154, 141, 164

 161, 157, 164

 164, 173, 169

 147, 124, 164


 164, 190, 179

 140, 108, 164

 164, 206, 188

 133, 91, 164

 164, 223, 198

 126, 75, 164


 164, 239, 207

 119, 59, 164

 164, 255, 216

 112, 42, 164

 164, 255, 209

 105, 26, 164

 164, 255, 202

 98, 9, 164

 164, 255, 195

Harmonies

Analogous

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



156, 158, 166



161, 157, 164



165, 156, 161

Triad

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



161, 157, 164



164, 162, 151



150, 156, 161

Complementary

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



161, 157, 164



157, 164, 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.



152, 158, 161



161, 157, 164



152, 160, 151

Square

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



161, 157, 164



166, 156, 154



153, 160, 157



150, 156, 163

Rectangle

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



161, 157, 164



166, 156, 158



153, 160, 157



150, 156, 161

Sweetspot

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



161, 157, 164



213, 212, 214



157, 159, 164



107, 106, 107



235, 235, 235



107, 107, 107

Same Dimension

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



161, 157, 164



210, 203, 214



164, 157, 164



80, 77, 82



83, 0, 145



10, 0, 18

Inverse Universe

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



164, 157, 160



214, 203, 208



157, 164, 164



82, 77, 79



145, 0, 62



18, 0, 8

Previews

White Background



This preview shows how the RYB color 161, 157, 164 looks on a white background.

Color Contrast Check

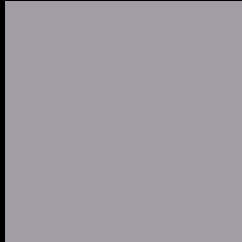
Large Text (above 18pt) WCAG AA × Fail

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, 157, 164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

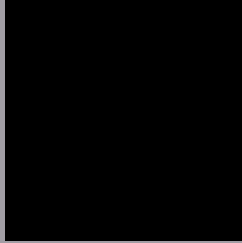
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

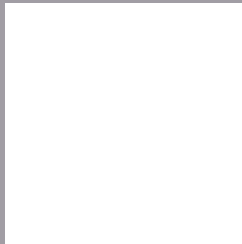
Any Text WCAG AAA ✓ Pass

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

R/Y/B 161, 157, 164 Background



This preview shows how black text looks on a background with the R/Y/B color 161, 157, 164.



This preview shows how white text looks on a background with the R/Y/B color 161, 157, 164.

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, 157, 164

Protanopia

159, 157, 164

Deuteranopia

171, 154, 165



Tritanopia
162, 156, 169

Trichromacy



Original Color

161, 157, 164

Protanomaly

160, 157, 164

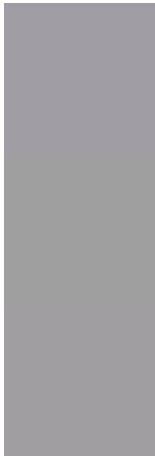
Deuteranomaly

167, 155, 165

Tritanomaly

162, 156, 167

Monochromacy



Original Color

161, 157, 164

Achromatopsia

159, 159, 159

Achromatomaly

160, 158, 161

CSS Examples

Text

The CSS property to change the color of the text to RYB 161, 157, 164 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, 157, 164)` looks like.

```
.text, #text, p{  
    color:rgb(161, 157, 164)  
}
```

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, 157, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 157, 164) }
```

Border

The CSS property to change the border of an element to RYB 161, 157, 164 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, 157, 164) }
```

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

```
.border{ border-color:rgb(161, 157, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 157, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 157, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 157, 164);  
box-shadow:4px 4px 4px 4px rgb(161, 157,  
164) }
```

Background

The CSS property to change the background color of an element to RYB 161, 157, 164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 157, 164) }
```

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

```
.background{ background-color: rgb(161,  
157, 164) }
```

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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