

Converting Colors

`RYB(161, 97, 116)`

Have a look what the booklet for
RYB(161, 97, 116) contains.

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Color

$\text{RYB}(161, 97, 116)$

Conversions

Conversions Part 1

Format	Color
Hex	A16174
RGB	161, 97, 116
RGB Percent	63%, 38%, 45%
CMY	0.3686, 0.6196, 0.5451
CMYK	0.00, 0.40, 0.28, 0.37
HSL	342°, 25%, 51%
HSV	342°, 40%, 63%
XYZ	22.1250, 17.3874, 18.7130
YIQ	118.3020, 32.0450, 19.4770

Conversions

Conversions Part 2

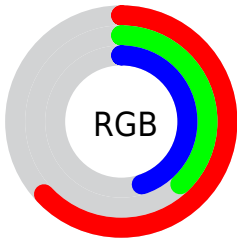
Format	Color
R_{YB}	161, 97, 116
Decimal	10576244
CIE _{Lab}	48.74, 28.50, 0.43
CIE _{LCh}	49, 28.508, 0.868
Yxy	17.3874, 0.3800, 0.2986
Android (android.graphics.Color)	4288766324 (0xFFA16174)
YUV	118.3020, -1.1349, 37.4461
Hunter-Lab	41.6982, 21.7400, 2.5811

Details

The RYB color **161, 97, 116** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **97, 135, 161**, and the grayscale version is **118, 118, 118**.

A 20% lighter version of the original color is **217, 149, 168**, and **107, 49, 68** is the 20% darker color. If you saturate the color by 10%, you get **161, 81, 105**, and if you desaturate by 10%, it is **161, 113, 127**.

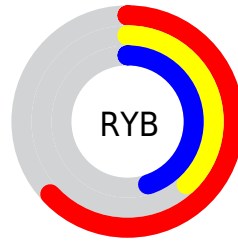
Distribution



Red (63%)

Green (38%)

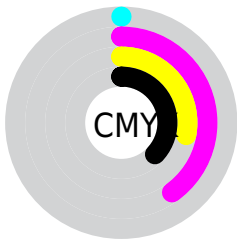
Blue (45%)



Red (63%)

Yellow (38%)

Blue (45%)

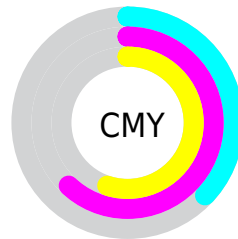


Cyan (0%)

Magenta (40%)

Yellow (28%)

Black (37%)



Cyan (37%)














Magenta (62%)







Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RYB color 161, 97, 116 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, 97, 116 by changing the saturation by 10% instead.

 161, 97, 116	 161, 97, 116
 255, 255, 255	 134, 72, 91
 217, 149, 168	 107, 49, 68
 246, 176, 195	 82, 25, 46
 255, 203, 223	 57, 1, 25
 255, 232, 252	 37, 0, 1
	 0, 0, 0

 161, 97, 116	 161, 97, 116
 161, 81, 105	 161, 113, 127
 161, 65, 93	 161, 129, 139

161, 49, 82

161, 145, 150

161, 33, 71

161, 161, 161

161, 16, 59

161, 171, 178

161, 0, 48

161, 180, 194

161, 190, 210

161, 199, 226

161, 209, 242

Harmonies

Analogous

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



147, 101, 140



161, 97, 116



162, 100, 92

Triad

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



161, 97, 116



74, 122, 90



38, 88, 157

Complementary

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



161, 97, 116



97, 135, 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.



9, 71, 140



161, 97, 116



77, 115, 127

Square

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



161, 97, 116



88, 131, 67



44, 90, 129



82, 107, 164

Rectangle

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



161, 97, 116



155, 116, 79



44, 90, 129



24, 81, 152

Sweetspot

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



161, 97, 116



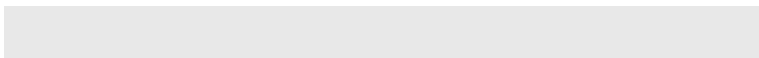
209, 184, 191



142, 97, 161



105, 90, 94



232, 232, 232



105, 105, 105

Same Dimension

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



161, 97, 116



209, 109, 139



161, 113, 97



82, 73, 76



145, 0, 43



18, 0, 5

Inverse Universe

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



161, 97, 116



209, 109, 139



97, 125, 161



82, 73, 76



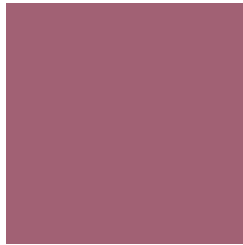
145, 0, 43



18, 0, 5

Previews

White Background



This preview shows how the RYB color 161, 97, 116 looks on a white background.

Color Contrast Check

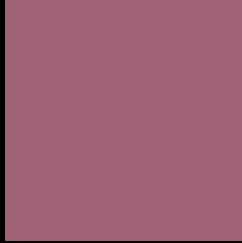
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 161, 97, 116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

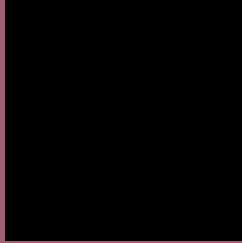
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

R Y B 161, 97, 116 Background



This preview shows how black text looks on a background with the R Y B color 161, 97, 116.



This preview shows how white text looks on a background with the R Y B color 161, 97, 116.

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, 97, 116

Protanopia

115, 115, 127

Deuteranopia

128, 112, 113



Tritanopia
160, 99, 106

Trichromacy



Original Color

161, 97, 116

Protanomaly

132, 108, 123

Deuteranomaly

140, 107, 114

Tritanomaly

160, 98, 110

Monochromacy



Original Color

161, 97, 116

Achromatopsia

118, 118, 118

Achromatomaly

134, 110, 117

CSS Examples

Text

The CSS property to change the color of the text to RYB 161, 97, 116 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, 97, 116)` looks like.

```
.text, #text, p{  
    color:rgb(161, 97, 116)  
}
```

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, 97, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 97, 116) }
```

Border

The CSS property to change the border of an element to RYB 161, 97, 116 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, 97, 116) }
```

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

```
.border{ border-color:rgb(161, 97, 116) }
```

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

Here you see how a box with a 4 pixel rgb(161, 97, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 97, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 97, 116);  
box-shadow:4px 4px 4px 4px rgb(161, 97,  
116) }
```

Background

The CSS property to change the background color of an element to RGB 161, 97, 116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 97, 116) }
```

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

```
.background{ background-color: rgb(161, 97,  
116) }
```

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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