Converting Colors

RYB(161, 108, 116)

Have a look what the booklet for RYB(161, 108, 116) contains.

Color

RYB(161, 108, 116)

Conversions

Conversions Part 1

Format	Color
Hex	A16C74
RGB	161, 108, 116
RGB Percent	63%, 42%, 45%
CMY	0.3686, 0.5765, 0.5451
CMYK	0.00, 0.33, 0.28, 0.37
HSL	351°, 22%, 53%
HSV	351°, 33%, 63%
XYZ	23.2129, 19.5631, 19.0756
YIQ	124.7590, 29.0200, 13.7240

Conversions

Conversions Part 2

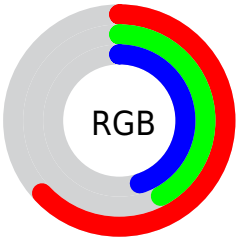
Format	Color
RYB	161, 108, 116
Decimal	10579060
CIELab	51.34, 22.28, 4.19
CIELCh	51, 22.670, 10.658
Yxy	19.5631, 0.3753, 0.3163
Android (android.graphics.Color)	4288769140 (0xFFA16C74)
YUV	124.7590, -4.3182, 31.7834
Hunter-Lab	44.2302, 16.2773, 5.3906

Details

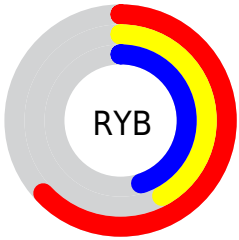
The RYB color 161, 108, 116 is a dark color, and the websafe version is hex 996666. A complement of this color would be 108, 137, 161, and the grayscale version is 125, 125, 125.

A 20% lighter version of the original color is 217, 160, 168, and 108, 60, 68 is the 20% darker color. If you saturate the color by 10%, you get 161, 92, 102, and if you desaturate by 10%, it is 161, 124, 130.

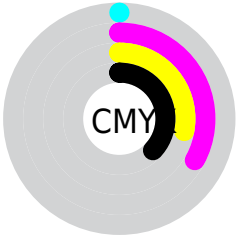
Distribution



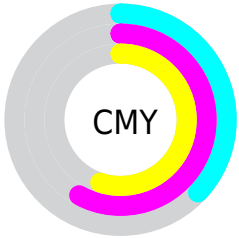
- Red (63%)
- Green (42%)
- Blue (45%)



- Red (63%)
- Yellow (42%)
- Blue (45%)



- Cyan (0%)
- Magenta (33%)
- Yellow (28%)
- Black (37%)



- Cyan (37%)
- Magenta (58%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RYB color 161, 108, 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, 108, 116 by changing the saturation by 10% instead.

161, 108, 116	161, 108, 116
255, 255, 255	134, 83, 91
217, 160, 168	108, 60, 68
246, 187, 195	83, 37, 46
255, 215, 223	58, 15, 25
255, 244, 252	39, 0, 0
	0, 0, 0

161, 108, 116	161, 108, 116
161, 92, 102	161, 124, 130
161, 76, 89	161, 140, 143

161, 60, 75

161, 44, 61

161, 28, 48

161, 11, 34

161, 0, 24

161, 156, 157

161, 167, 172

161, 176, 188

161, 185, 205

161, 193, 221

161, 202, 237

161, 211, 253

Harmonies

Analogous

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

153, 110, 136

161, 108, 116

159, 115, 98

Triad

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

161, 108, 116

92, 129, 113

80, 110, 158

Complementary

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

161, 108, 116

108, 137, 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.

62, 100, 147

161, 108, 116

85, 116, 132

Square

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

161, 108, 116

91, 129, 84

67, 101, 133

108, 119, 160

Rectangle

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

161, 108, 116

152, 133, 89

67, 101, 133

72, 106, 155

Sweetspot

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

161, 108, 116

209, 188, 191

152, 108, 161

105, 92, 94

232, 232, 232

105, 105, 105

Same Dimension

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

161, 108, 116

209, 125, 138

161, 135, 108

82, 73, 75

145, 0, 22

18, 0, 3

Inverse Universe

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

161, 108, 116

209, 125, 138

108, 129, 161

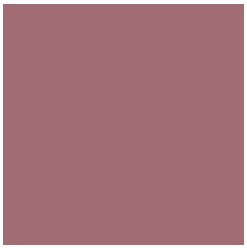
82, 73, 75

145, 0, 22

18, 0, 3

Previews

White Background

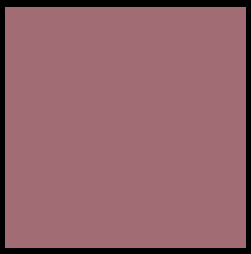


This preview shows how the RYB color 161, 108, 116 looks on a white background.

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

Black Background



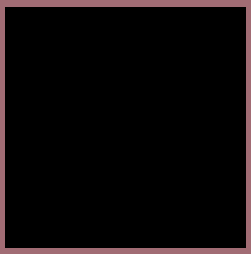
This preview shows how the RYB color 161, 108, 116 looks on a black background.

Color Contrast Check

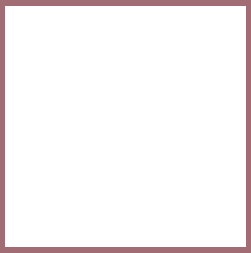
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✕ Fail

If you want to check with other color combinations, try the Color Contrast Checker.

RYB 161, 108, 116 Background



This preview shows how black text looks on a background with the RYB color 161, 108, 116.



This preview shows how white text looks on a background with the RYB color 161, 108, 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

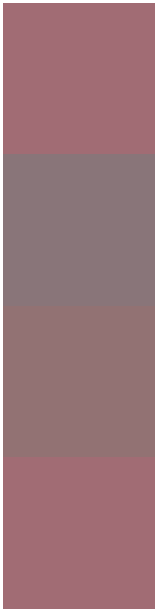
Original Color
161, 108, 116

Protanopia
124, 122, 124

Deuteranopia
138, 119, 114

Tritanopia
161, 108, 116

Trichromacy



Original Color
161, 108, 116

Protanomaly
137, 117, 121

Deuteranomaly
146, 114, 115

Tritanomaly
161, 108, 116

Monochromacy

Original Color
161, 108, 116

Achromatopsia
125, 125, 125

Achromatomaly
138, 119, 122

CSS Examples

Text

The CSS property to change the color of the text to RYB 161, 108, 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, 108, 116) looks like.

```
.text, #text, p{
    color:rgb(161, 108, 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, 108, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 108, 116) }
```

Border

The CSS property to change the border of an element to RYB 161, 108, 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, 108, 116) }
```

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

```
.border{ border-color:rgb(161, 108, 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, 108, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(161, 108, 116); -webkit-box-shadow:4px 4px 4px 4px rgb(161, 108, 116); box-shadow:4px 4px 4px 4px rgb(161, 108, 116) }
```

Background

The CSS property to change the background color of an element to RYB 161, 108, 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, 108, 116) }
```

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

```
.background{ background-color:rgb(161,
108, 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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