

Converting Colors

`RYB(161, 108, 127)`

Have a look what the booklet for
RYB(161, 108, 127) contains.

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Color

R_YB(161, 108, 127)

Conversions

Conversions Part 1

Format	Color
Hex	A16C7F
RGB	161, 108, 127
RGB Percent	63%, 42%, 50%
CMY	0.3686, 0.5765, 0.5020
CMYK	0.00, 0.33, 0.21, 0.37
HSL	338°, 22%, 53%
HSV	338°, 33%, 63%
XYZ	23.8913, 19.8345, 22.6479
YIQ	126.0130, 25.4890, 17.1450

Conversions

Conversions Part 2

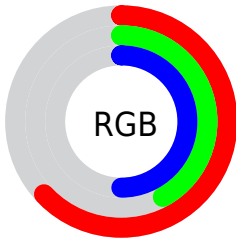
Format	Color
R_{YB}	161, 108, 127
Decimal	10579071
CIE _{Lab}	51.65, 23.96, -1.86
CIE _{LCh}	52, 24.031, 355.553
Yxy	19.8345, 0.3600, 0.2988
Android (android.graphics.Color)	4288769151 (0xFFA16C7F)
YUV	126.0130, 0.4866, 30.6836
Hunter-Lab	44.5359, 17.8183, 1.0244

Details

The RYB color **161, 108, 127** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **108, 140, 161**, and the grayscale version is **126, 126, 126**.

A 20% lighter version of the original color is **217, 160, 180**, and **108, 60, 78** is the 20% darker color. If you saturate the color by 10%, you get **161, 92, 117**, and if you desaturate by 10%, it is **161, 124, 137**.

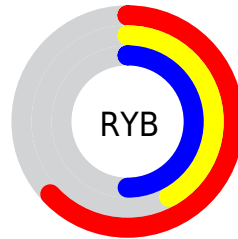
Distribution



Red (63%)

Green (42%)

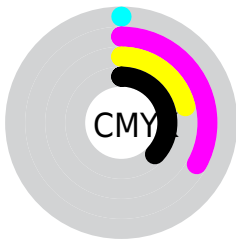
Blue (50%)



Red (63%)

Yellow (42%)

Blue (50%)

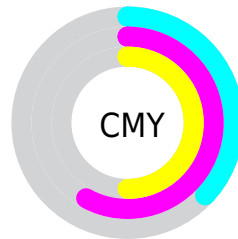


Cyan (0%)

Magenta (33%)

Yellow (21%)

Black (37%)



Cyan (37%)


Magenta (58%)

Yellow (50%)


Brightness & Saturation Gradients

These gradients show how the RYB color 161, 108, 127 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, 127 by changing the saturation by 10% instead.

 161, 108, 127


255, 255, 255

 217, 160, 180

 246, 187, 207

 255, 215, 235

 255, 244, 255

 161, 108, 127

 134, 83, 102


 108, 60, 78


 83, 37, 55


 59, 14, 34


 39, 0, 12


 0, 0, 0


 161, 108, 127

 161, 92, 117

 161, 76, 106

 161, 108, 127

 161, 124, 137

 161, 140, 148

161, 60, 96

161, 156, 158

161, 44, 86

161, 168, 172

161, 28, 75

161, 177, 188

161, 11, 65

161, 188, 205

161, 0, 58

161, 198, 221

161, 207, 237

161, 217, 253

Harmonies

Analogous

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



146, 112, 147



161, 108, 127



164, 109, 106

Triad

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



161, 108, 127



86, 127, 94



65, 103, 156

Complementary

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



161, 108, 127



108, 140, 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.



57, 97, 140



161, 108, 127



95, 128, 132

Square

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



161, 108, 127



110, 140, 82



72, 107, 134



91, 115, 164

Rectangle

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



161, 108, 127



160, 118, 95



72, 107, 134



59, 100, 152

Sweetspot

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



161, 108, 127



209, 188, 196



142, 108, 161



105, 92, 97



232, 232, 232



105, 105, 105

Same Dimension

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



161, 108, 127



209, 125, 155



161, 116, 108



82, 73, 76



145, 0, 52



18, 0, 6

Inverse Universe

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



161, 108, 127



209, 125, 155



108, 133, 161



82, 73, 76



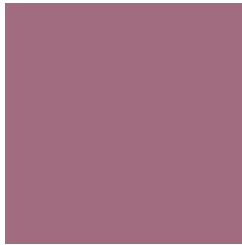
145, 0, 52



18, 0, 6

Previews

White Background



This preview shows how the RYB color 161, 108, 127 looks on a white background.

Color Contrast Check

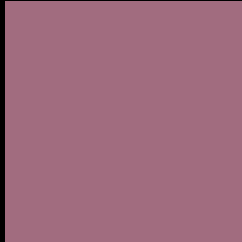
Large Text (above 18pt) WCAG AA ✓ Pass

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, 127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

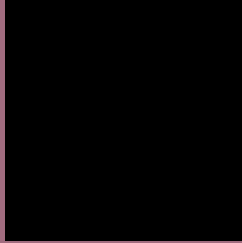
Any Text WCAG AA ✓ Pass

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, 127 Background



This preview shows how black text looks on a background with the RYB color 161, 108, 127.



This preview shows how white text looks on a background with the RYB color 161, 108, 127.

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, 127

Protanopia

122, 123, 136

Deuteranopia

135, 120, 125



Tritanopia
160, 110, 118

Trichromacy



Original Color
161, 108, 127

Protanomaly
136, 118, 133

Deuteranomaly
144, 116, 126

Tritanomaly
160, 109, 121

Monochromacy



Original Color
161, 108, 127

Achromatopsia
126, 126, 126

Achromatomaly
139, 119, 126

CSS Examples

Text

The CSS property to change the color of the text to RYB 161, 108, 127 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, 127)` looks like.

```
.text, #text, p{  
    color:rgb(161, 108, 127)  
}
```

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, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 108, 127) }
```

Border

The CSS property to change the border of an element to RYB 161, 108, 127 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, 127) }
```

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

```
.border{ border-color:rgb(161, 108, 127) }
```

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, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 108, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 108, 127);  
box-shadow:4px 4px 4px 4px rgb(161, 108,  
127) }
```

Background

The CSS property to change the background color of an element to RYB 161, 108, 127 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, 127) }
```

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

```
.background{ background-color: rgb(161,  
108, 127) }
```

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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