

Converting Colors

`RYB(161, 118, 128)`

Have a look what the booklet for
RYB(161, 118, 128) contains.

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Color

`RYB(161, 118, 128)`

Conversions

Conversions Part 1

Format	Color
Hex	A17680
RGB	161, 118, 128
RGB Percent	63%, 46%, 50%
CMY	0.3686, 0.5373, 0.4980
CMYK	0.00, 0.27, 0.20, 0.37
HSL	346°, 19%, 55%
HSV	346°, 27%, 63%
XYZ	25.0727, 22.0924, 23.3649
YIQ	131.9970, 22.4180, 12.2260

Conversions

Conversions Part 2

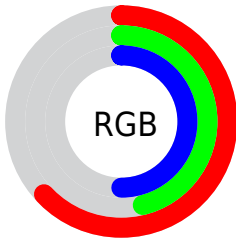
Format	Color
R_{YB}	161, 118, 128
Decimal	10581632
CIE _{Lab}	54.12, 18.41, 1.17
CIE _{LCh}	54, 18.443, 3.629
Yxy	22.0924, 0.3555, 0.3132
Android (android.graphics.Color)	4288771712 (0xFFA17680)
YUV	131.9970, -1.9705, 25.4356
Hunter-Lab	47.0026, 12.9629, 3.4289

Details

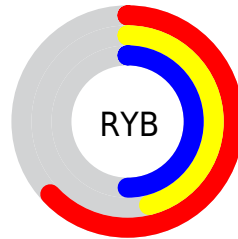
The RYB color **161, 118, 128** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **118, 142, 161**, and the grayscale version is **132, 132, 132**.

A 20% lighter version of the original color is **216, 170, 181**, and **109, 69, 79** is the 20% darker color. If you saturate the color by 10%, you get **161, 102, 116**, and if you desaturate by 10%, it is **161, 134, 140**.

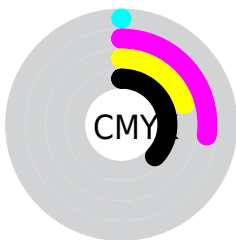
Distribution



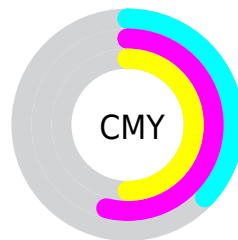
- Red (63%)
- Green (46%)
- Blue (50%)



- Red (63%)
- Yellow (46%)
- Blue (50%)



- Cyan (0%)
- Magenta (27%)
- Yellow (20%)
- Black (37%)




- Cyan (37%)
- Magenta (54%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RYB color 161, 118, 128 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, 118, 128 by changing the saturation by 10% instead.


 161, 118, 128

255, 255, 255

 216, 170, 181

 245, 198, 208

 255, 226, 237

 161, 118, 128

 134, 93, 103


 109, 69, 79


 84, 46, 56


 60, 25, 35


 38, 1, 13


 0, 0, 0


 161, 118, 128

 161, 102, 116

 161, 86, 103

 161, 118, 128

 161, 134, 140

 161, 150, 153

■ 161, 70, 91

■ 161, 164, 166

■ 161, 54, 79

■ 161, 173, 182

■ 161, 38, 66

■ 161, 183, 199

■ 161, 21, 54

■ 161, 192, 215

■ 161, 5, 42

■ 161, 201, 231

■ 161, 0, 37

■ 161, 210, 247

■ 161, 212, 255

Harmonies

Analogous

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



152, 120, 144



161, 118, 128



161, 120, 113

Triad

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



161, 118, 128



103, 134, 115



94, 119, 157

Complementary

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



161, 118, 128



118, 142, 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.



84, 113, 146



161, 118, 128



104, 129, 137

Square

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



161, 118, 128



111, 139, 98



89, 116, 139



113, 126, 161

Rectangle

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



161, 118, 128



157, 131, 104



89, 116, 139



89, 116, 154

Sweetspot

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



161, 118, 128



209, 192, 196



151, 118, 161



105, 94, 97



232, 232, 232



105, 105, 105

Same Dimension

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



161, 118, 128



209, 142, 158



161, 133, 118



82, 73, 75



145, 0, 34



18, 0, 4

Inverse Universe

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



161, 118, 128



209, 142, 158



118, 136, 161



82, 73, 75



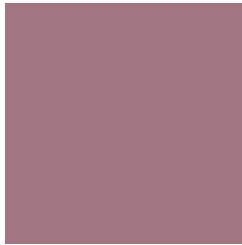
145, 0, 34



18, 0, 4

Previews

White Background



This preview shows how the RYB color 161, 118, 128 looks on a white background.

Color Contrast Check

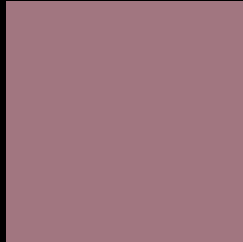
Large Text (above 18pt) WCAG AA ✓ Pass

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, 118, 128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

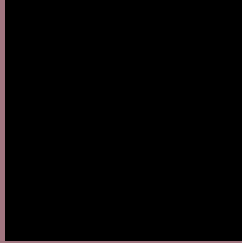
Any Text WCAG AA ✓ Pass

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, 118, 128 Background



This preview shows how black text looks on a background with the RYB color 161, 118, 128.



This preview shows how white text looks on a background with the RYB color 161, 118, 128.

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, 118, 128

Protanopia
131, 129, 134

Deuteranopia
143, 125, 127



Tritanopia
161, 118, 127

Trichromacy



Original Color
161, 118, 128

Protanomaly
142, 125, 132

Deuteranomaly
150, 122, 127

Tritanomaly
161, 118, 127

Monochromacy



Original Color
161, 118, 128

Achromatopsia
132, 132, 132

Achromatomaly
143, 127, 131

CSS Examples

Text

The CSS property to change the color of the text to RYB 161, 118, 128 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, 118, 128) looks like.

```
.text, #text, p{  
    color:rgb(161, 118, 128)  
}
```

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, 118, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 118, 128) }
```

Border

The CSS property to change the border of an element to RYB 161, 118, 128 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, 118, 128) }
```

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

```
.border{ border-color:rgb(161, 118, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 118, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 118, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 118, 128);  
box-shadow:4px 4px 4px 4px rgb(161, 118,  
128) }
```

Background

The CSS property to change the background color of an element to RYB 161, 118, 128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 118, 128) }
```

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

```
.background{ background-color: rgb(161,  
118, 128) }
```

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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