

Converting Colors

`RYB(160, 119, 157)`

Have a look what the booklet for
RYB(160, 119, 157) contains.

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Color

R_YB(160, 119, 157)

Conversions

Conversions Part 1

Format	Color
Hex	A0779D
RGB	160, 119, 157
RGB Percent	63%, 47%, 62%
CMY	0.3725, 0.5333, 0.3843
CMYK	0.00, 0.26, 0.02, 0.37
HSL	304°, 18%, 55%
HSV	304°, 26%, 63%
XYZ	27.1798, 23.1016, 34.9248
YIQ	135.5910, 12.2380, 20.5100

Conversions

Conversions Part 2

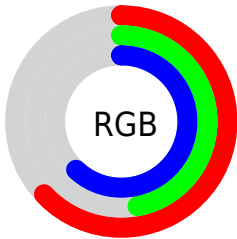
Format	Color
R _Y B	160, 119, 157
Decimal	10516381
CIE _{Lab}	55.18, 22.62, -14.19
CIE _{LCh}	55, 26.697, 327.899
Yxy	23.1016, 0.3190, 0.2711
Android (android.graphics.Color)	4288706461 (0xFFA0779D)
YUV	135.5910, 10.5546, 21.4067
Hunter-Lab	48.0641, 16.8281, -9.4370




Details

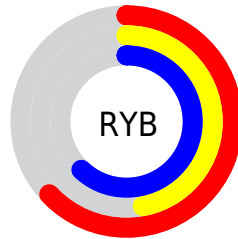
The RYB color **160, 119, 157** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **119, 157, 160**, and the grayscale version is **135, 135, 135**.




A 20% lighter version of the original color is **215, 172, 212**, and **108, 70, 106** is the 20% darker color. If you saturate the color by 10%, you get **160, 103, 156**, and if you desaturate by 10%, it is **160, 135, 158**.

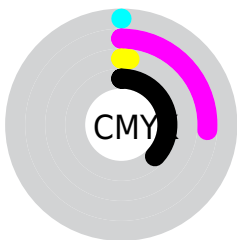
Distribution







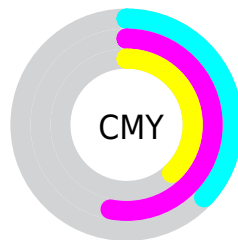
-  Red (63%)
-  Green (47%)
-  Blue (62%)






-  Red (63%)
-  Yellow (47%)
-  Blue (62%)



-  Cyan (0%)
-  Magenta (26%)
-  Yellow (2%)
-  Black (37%)



-  Cyan (37%)
-  Magenta (53%)
-  Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the RYB color 160, 119, 157 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 160, 119, 157 by changing the saturation by 10% instead.

 160, 119, 157

255, 255, 255

 215, 172, 212

 244, 199, 240

 255, 227, 255

 160, 119, 157

 134, 94, 131

 108, 70, 106


 83, 47, 81

 59, 25, 58

 37, 2, 37

 0, 0, 14


 0, 0, 0

 160, 119, 157


 160, 103, 156


 160, 119, 157


 160, 135, 158


 160, 87, 155


 160, 151, 159


 160, 71, 153


 160, 166, 167

 160, 55, 152

 160, 181, 183

 160, 39, 151

 160, 196, 199

 160, 23, 150

 160, 211, 215

 160, 7, 149

 160, 226, 231

 160, 0, 148

 160, 241, 247

 160, 248, 255

Harmonies

Analogous

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



133, 127, 173



160, 119, 157



175, 115, 135

Triad

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



160, 119, 157



115, 150, 86



54, 101, 153

Complementary

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



160, 119, 157



119, 157, 160

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.



72, 113, 145



160, 119, 157



91, 137, 102

Square

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



160, 119, 157



168, 139, 94



99, 135, 142



66, 110, 171

Rectangle

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



160, 119, 157



178, 115, 119



99, 135, 142



57, 101, 145

Sweetspot

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



160, 119, 157



209, 192, 208



122, 119, 160



105, 94, 104



232, 232, 232



105, 105, 105

Same Dimension

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



160, 119, 157



209, 144, 204



160, 119, 137



79, 71, 78



143, 0, 132



15, 0, 14

Inverse Universe

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



160, 119, 157



209, 144, 204



119, 145, 160



79, 71, 78



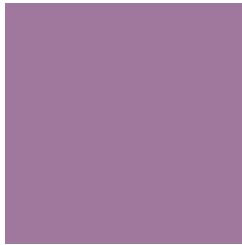
143, 0, 132



15, 0, 14

Previews

White Background



This preview shows how the RYB color 160, 119, 157 looks on a white background.

Color Contrast Check

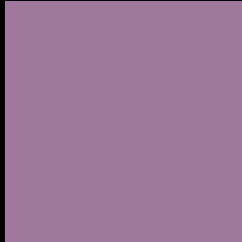
Large Text (above 18pt) WCAG AA ✓ Pass

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 160, 119, 157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

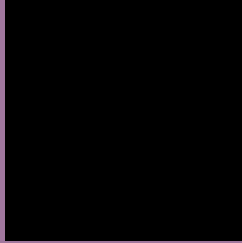
Any Text WCAG AA ✓ Pass

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 160, 119, 157 Background



This preview shows how black text looks on a background with the RYB color 160, 119, 157.



This preview shows how white text looks on a background with the RYB color 160, 119, 157.

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
160, 119, 157

Protanopia
124, 130, 165

Deuteranopia
134, 129, 155



Tritanopia
157, 123, 133

Trichromacy



Original Color
160, 119, 157

Protanomaly
137, 127, 162

Deuteranomaly
143, 125, 156

Tritanomaly
158, 122, 142

Monochromacy



Original Color
160, 119, 157

Achromatopsia
136, 136, 136

Achromatomaly
145, 130, 144

CSS Examples

Text

The CSS property to change the color of the text to RYB 160, 119, 157 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(160, 119, 157)` looks like.

```
.text, #text, p{  
    color:rgb(160, 119, 157)  
}
```

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(160, 119, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 119, 157) }
```

Border

The CSS property to change the border of an element to RYB 160, 119, 157 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(160, 119, 157) }
```

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

```
.border{ border-color:rgb(160, 119, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 119, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 119, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 119, 157);  
box-shadow:4px 4px 4px 4px rgb(160, 119,  
157) }
```

Background

The CSS property to change the background color of an element to RYB 160, 119, 157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 119, 157) }
```

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

```
.background{ background-color: rgb(160,  
119, 157) }
```

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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