

Converting Colors

`RYB(160, 116, 117)`

Have a look what the booklet for
RYB(160, 116, 117) contains.

RYB(160, 116, 117)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_{YB}(160, 116, 117)

Conversions

Conversions Part 1

Format	Color
Hex	A07475
RGB	160, 116, 117
RGB Percent	63%, 45%, 46%
CMY	0.3725, 0.5451, 0.5412
CMYK	0.00, 0.28, 0.27, 0.37
HSL	359°, 19%, 54%
HSV	359°, 28%, 63%
XYZ	23.9535, 21.2487, 19.6685
YIQ	129.2700, 25.9030, 9.6390

Conversions

Conversions Part 2

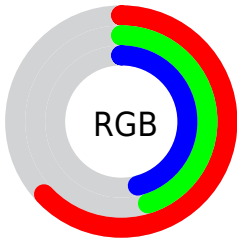
Format	Color
R_{YB}	160, 116, 117
Decimal	10515573
CIE _{Lab}	53.22, 17.46, 6.29
CIE _{LCh}	53, 18.558, 19.806
Yxy	21.2487, 0.3692, 0.3276
Android (android.graphics.Color)	4288705653 (0xFFA07475)
YUV	129.2700, -6.0491, 26.9502
Hunter-Lab	46.0963, 12.0871, 6.9694

Details

The RYB color **160, 116, 117** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **116, 138, 160**, and the grayscale version is **129, 129, 129**.

A 20% lighter version of the original color is **216, 168, 169**, and **107, 67, 69** is the 20% darker color. If you saturate the color by 10%, you get **160, 100, 101**, and if you desaturate by 10%, it is **160, 132, 133**.

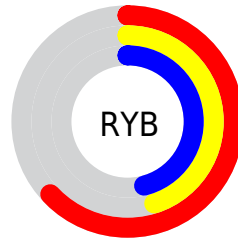
Distribution



Red (63%)

Green (45%)

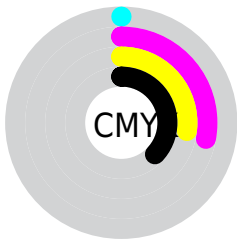
Blue (46%)



Red (63%)

Yellow (45%)

Blue (46%)

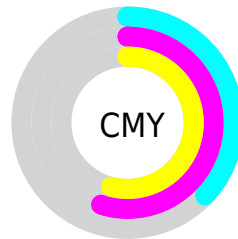


Cyan (0%)

Magenta (28%)

Yellow (27%)

Black (37%)



Cyan (37%)

Magenta (55%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RYB color 160, 116, 117 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, 116, 117 by changing the saturation by 10% instead.

 160, 116, 117


255, 255, 255

 216, 168, 169

 244, 196, 196

 255, 224, 224

 255, 252, 253

 160, 116, 117


 133, 91, 92


 107, 67, 69

 82, 45, 47

 58, 23, 26


 38, 0, 0


 0, 0, 0


 160, 116, 117

 160, 100, 101

 160, 84, 86

 160, 116, 117


 160, 132, 133

 160, 148, 148


 160, 68, 70

 160, 162, 164


 160, 52, 54

 160, 170, 180


 160, 36, 39

 160, 178, 196

 160, 20, 23

 160, 186, 212

 160, 4, 8

 160, 195, 228

 160, 0, 4

 160, 203, 244

 160, 208, 255

Harmonies

Analogous

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



156, 116, 133



160, 116, 117



156, 126, 103

Triad

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



160, 116, 117



106, 134, 130



101, 120, 158

Complementary

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



160, 116, 117



116, 138, 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.



85, 113, 151



160, 116, 117



93, 119, 136

Square

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



160, 116, 117



97, 129, 98



82, 109, 137



123, 125, 157

Rectangle

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



160, 116, 117



149, 143, 98



82, 109, 137



94, 118, 157

Sweetspot

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



160, 116, 117



209, 192, 193



159, 116, 160



105, 94, 94



232, 232, 232



105, 105, 105

Same Dimension

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



160, 116, 117



209, 140, 142



160, 156, 116



79, 71, 71



143, 0, 3



15, 0, 0

Inverse Universe

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



160, 116, 117



209, 140, 142



116, 131, 160



79, 71, 71



143, 0, 3



15, 0, 0

Previews

White Background



This preview shows how the RYB color 160, 116, 117 looks on a white background.

Color Contrast Check

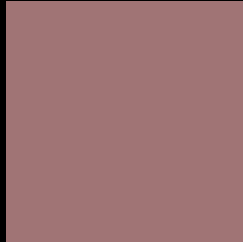
Large Text (above 18pt) WCAG AA ✓ Pass

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, 116, 117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

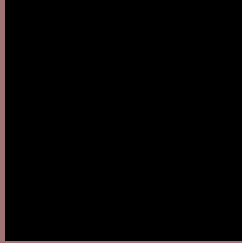
Any Text WCAG AA ✓ Pass

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, 116, 117 Background



This preview shows how black text looks on a background with the RYB color 160, 116, 117.



This preview shows how white text looks on a background with the RYB color 160, 116, 117.

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](#), [116](#), [117](#)

Protanopia

[131](#), [131](#), [123](#)

Deuteranopia

[144](#), [125](#), [116](#)



Tritanopia
161, 115, 124

Trichromacy



Original Color

160, 116, 117

Protanomaly

142, 123, 121

Deuteranomaly

150, 121, 116

Tritanomaly

161, 115, 121

Monochromacy



Original Color

160, 116, 117

Achromatopsia

129, 129, 129

Achromatomaly

140, 124, 125

CSS Examples

Text

The CSS property to change the color of the text to RYB 160, 116, 117 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, 116, 117) looks like.

```
.text, #text, p{  
    color:rgb(160, 116, 117)  
}
```

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, 116, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 116, 117) }
```

Border

The CSS property to change the border of an element to RYB 160, 116, 117 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, 116, 117) }
```

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

```
.border{ border-color:rgb(160, 116, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 116, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 116, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 116, 117);  
box-shadow:4px 4px 4px 4px rgb(160, 116,  
117) }
```

Background

The CSS property to change the background color of an element to RYB 160, 116, 117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 116, 117) }
```

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

```
.background{ background-color: rgb(160,  
116, 117) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor