

Converting Colors

`RYB(160, 109, 126)`

Have a look what the booklet for
RYB(160, 109, 126) contains.

RYB(160, 109, 126)	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, 109, 126)

Conversions

Conversions Part 1

Format	Color
Hex	A06D7E
RGB	160, 109, 126
RGB Percent	63%, 43%, 49%
CMY	0.3725, 0.5725, 0.5059
CMYK	0.00, 0.32, 0.21, 0.37
HSL	340°, 21%, 53%
HSV	340°, 32%, 63%
XYZ	23.7317, 19.9172, 22.3323
YIQ	126.1870, 24.9390, 16.0990

Conversions

Conversions Part 2

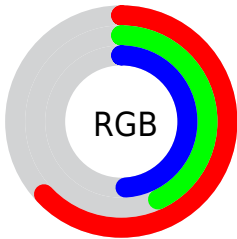
Format	Color
R_{YB}	160, 109, 126
Decimal	10513790
CIE _{Lab}	51.74, 22.85, -1.15
CIE _{LCh}	52, 22.879, 357.124
Yxy	19.9172, 0.3597, 0.3019
Android (android.graphics.Color)	4288703870 (0xFFA06D7E)
YUV	126.1870, -0.0922, 29.6540
Hunter-Lab	44.6287, 16.8188, 1.5713

Details

The RYB color **160, 109, 126** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **109, 140, 160**, and the grayscale version is **126, 126, 126**.

A 20% lighter version of the original color is **216, 161, 179**, and **107, 61, 77** is the 20% darker color. If you saturate the color by 10%, you get **160, 93, 115**, and if you desaturate by 10%, it is **160, 125, 137**.

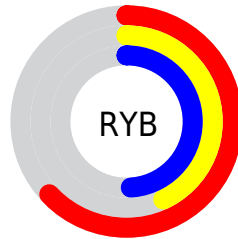
Distribution



Red (63%)

Green (43%)

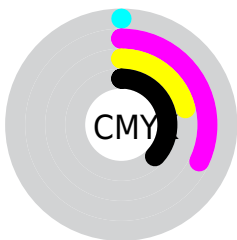
Blue (49%)



Red (63%)

Yellow (43%)

Blue (49%)

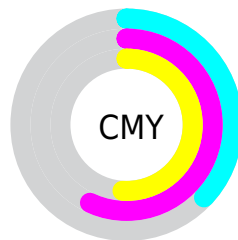


Cyan (0%)

Magenta (32%)

Yellow (21%)

Black (37%)



Cyan (37%)


Magenta (57%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 160, 109, 126 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, 109, 126 by changing the saturation by 10% instead.

 160, 109, 126


255, 255, 255

 216, 161, 179

 244, 188, 206

 255, 216, 234

 255, 245, 255

 160, 109, 126

 133, 84, 101


 107, 61, 77


 82, 38, 54


 58, 16, 33


 38, 0, 10


 0, 0, 0


 160, 109, 126

 160, 93, 115

 160, 77, 105

 160, 109, 126

 160, 125, 137

 160, 141, 147

160, 61, 94

160, 157, 158

160, 45, 83

160, 168, 173

160, 29, 73

160, 178, 189

160, 13, 62

160, 187, 205

160, 0, 53

160, 196, 221

160, 206, 237

160, 216, 253

Harmonies

Analogous

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



147, 113, 145



160, 109, 126



162, 110, 106

Triad

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



160, 109, 126



88, 128, 97



70, 106, 156

Complementary

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



160, 109, 126



109, 140, 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.



62, 99, 140



160, 109, 126



96, 127, 132

Square

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



160, 109, 126



111, 139, 84



74, 108, 134



95, 116, 162

Rectangle

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



160, 109, 126



158, 120, 95



74, 108, 134



65, 103, 151

Sweetspot

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



160, 109, 126



209, 188, 195



143, 109, 160



105, 92, 96



232, 232, 232



105, 105, 105

Same Dimension

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



160, 109, 126



209, 130, 156



160, 120, 109



79, 71, 74



143, 0, 48



15, 0, 5

Inverse Universe

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



160, 109, 126



209, 130, 156



109, 132, 160



79, 71, 74



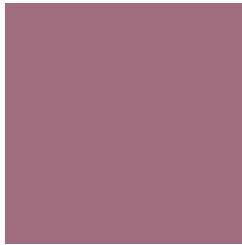
143, 0, 48



15, 0, 5

Previews

White Background



This preview shows how the RYB color 160, 109, 126 looks on a white background.

Color Contrast Check

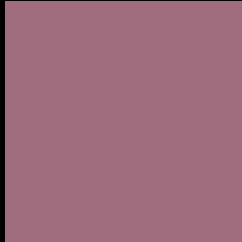
Large Text (above 18pt) WCAG AA ✓ Pass

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, 109, 126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

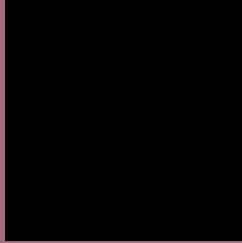
Any Text WCAG AA ✓ Pass

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, 109, 126 Background



This preview shows how black text looks on a background with the RYB color 160, 109, 126.



This preview shows how white text looks on a background with the RYB color 160, 109, 126.

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, 109, 126

Protanopia
123, 123, 134

Deuteranopia
135, 120, 124



Tritanopia
159, 110, 119

Trichromacy



Original Color

160, 109, 126

Protanomaly

136, 118, 131

Deuteranomaly

144, 116, 125

Tritanomaly

159, 110, 122

Monochromacy



Original Color

160, 109, 126

Achromatopsia

126, 126, 126

Achromatomaly

138, 120, 126

CSS Examples

Text

The CSS property to change the color of the text to RYB 160, 109, 126 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, 109, 126) looks like.

```
.text, #text, p{  
    color:rgb(160, 109, 126)  
}
```

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, 109, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 109, 126) }
```

Border

The CSS property to change the border of an element to RYB 160, 109, 126 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, 109, 126) }
```

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

```
.border{ border-color:rgb(160, 109, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 109, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 109, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 109, 126);  
box-shadow:4px 4px 4px 4px rgb(160, 109,  
126) }
```

Background

The CSS property to change the background color of an element to RYB 160, 109, 126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 109, 126) }
```

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

```
.background{ background-color: rgb(160,  
109, 126) }
```

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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