

Converting Colors

`RYB(160, 108, 129)`

Have a look what the booklet for
RYB(160, 108, 129) contains.

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Color

R_YB(160, 108, 129)

Conversions

Conversions Part 1

Format	Color
Hex	A06C81
RGB	160, 108, 129
RGB Percent	63%, 42%, 51%
CMY	0.3725, 0.5765, 0.4941
CMYK	0.00, 0.32, 0.19, 0.37
HSL	336°, 21%, 53%
HSV	336°, 32%, 63%
XYZ	23.8222, 19.7837, 23.3319
YIQ	125.9420, 24.2510, 17.5550

Conversions

Conversions Part 2

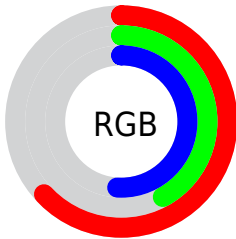
Format	Color
R_{YB}	160, 108, 129
Decimal	10513537
CIE _{Lab}	51.59, 23.90, -3.14
CIE _{LCh}	52, 24.109, 352.507
Yxy	19.7837, 0.3559, 0.2956
Android (android.graphics.Color)	4288703617 (0xFFA06C81)
YUV	125.9420, 1.5076, 29.8689
Hunter-Lab	44.4789, 17.7639, 0.0339

Details

The RYB color **160, 108, 129** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **108, 141, 160**, and the grayscale version is **126, 126, 126**.

A 20% lighter version of the original color is **216, 160, 182**, and **107, 60, 80** is the 20% darker color. If you saturate the color by 10%, you get **160, 92, 119**, and if you desaturate by 10%, it is **160, 124, 139**.

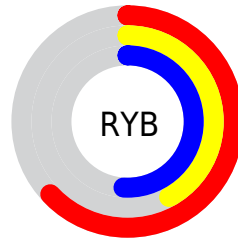
Distribution



Red (63%)

Green (42%)

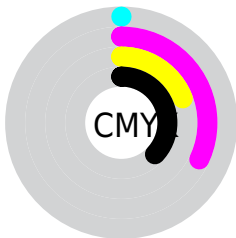
Blue (51%)



Red (63%)

Yellow (42%)

Blue (51%)

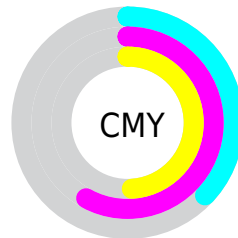


Cyan (0%)

Magenta (32%)

Yellow (19%)

Black (37%)



Cyan (37%)

Magenta (58%)

Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the RYB color 160, 108, 129 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, 108, 129 by changing the saturation by 10% instead.

 160, 108, 129


255, 255, 255


 216, 160, 182

 244, 187, 209

 255, 215, 238


 255, 244, 255

 160, 108, 129

 133, 83, 104

 107, 60, 80


 82, 37, 57


 58, 14, 36

 38, 0, 14

 0, 0, 0

 160, 108, 129


 160, 92, 119

 160, 76, 110

 160, 108, 129


 160, 124, 139

 160, 140, 148


 160, 60, 100

 160, 156, 158


 160, 44, 91

 160, 168, 172


 160, 28, 81

 160, 177, 188

 160, 12, 72

 160, 188, 204

 160, 0, 65

 160, 198, 220

 160, 208, 236

 160, 218, 252

Harmonies

Analogous

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



144, 112, 148



160, 108, 129



164, 108, 108

Triad

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



160, 108, 129



84, 126, 89



62, 102, 155

Complementary

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



160, 108, 129



108, 141, 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.



57, 96, 138



160, 108, 129



97, 131, 130

Square

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



160, 108, 129



117, 142, 82



74, 109, 134



88, 113, 163

Rectangle

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



160, 108, 129



161, 116, 96



74, 109, 134



57, 99, 150

Sweetspot

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



160, 108, 129



209, 188, 197



138, 108, 160



105, 92, 97



232, 232, 232



105, 105, 105

Same Dimension

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



160, 108, 129



209, 128, 160



160, 112, 108



79, 71, 74



143, 0, 58



15, 0, 6

Inverse Universe

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



160, 108, 129



209, 128, 160



108, 133, 160



79, 71, 74



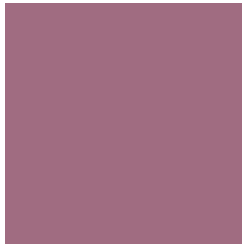
143, 0, 58



15, 0, 6

Previews

White Background



This preview shows how the RYB color 160, 108, 129 looks on a white background.

Color Contrast Check

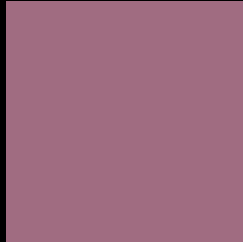
Large Text (above 18pt) WCAG AA ✓ Pass

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, 108, 129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

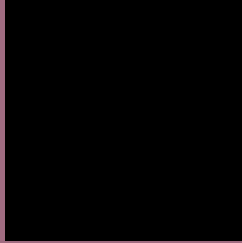
Any Text WCAG AA ✓ Pass

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, 108, 129 Background



This preview shows how black text looks on a background with the RYB color 160, 108, 129.



This preview shows how white text looks on a background with the RYB color 160, 108, 129.

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, 108, 129

Protanopia

121, 122, 138

Deuteranopia

134, 120, 127



Tritanopia
159, 110, 118

Trichromacy



Original Color
160, 108, 129

Protanomaly
135, 117, 135

Deuteranomaly
143, 116, 128

Tritanomaly
159, 109, 122

Monochromacy



Original Color
160, 108, 129

Achromatopsia
126, 126, 126

Achromatomaly
138, 119, 127

CSS Examples

Text

The CSS property to change the color of the text to RYB 160, 108, 129 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, 108, 129) looks like.

```
.text, #text, p{  
    color:rgb(160, 108, 129)  
}
```

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, 108, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 108, 129) }
```

Border

The CSS property to change the border of an element to RYB 160, 108, 129 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, 108, 129) }
```

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

```
.border{ border-color:rgb(160, 108, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 108, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 108, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 108, 129);  
box-shadow:4px 4px 4px 4px rgb(160, 108,  
129) }
```

Background

The CSS property to change the background color of an element to RYB 160, 108, 129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 108, 129) }
```

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

```
.background{ background-color: rgb(160,  
108, 129) }
```

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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