

Converting Colors

`RYB(160, 27, 107)`

Have a look what the booklet for
RYB(160, 27, 107) contains.

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Color

R_YB(160, 27, 107)

Conversions

Conversions Part 1

Format	Color
Hex	A01B6B
RGB	160, 27, 107
RGB Percent	63%, 11%, 42%
CMY	0.3725, 0.8941, 0.5804
CMYK	0.00, 0.83, 0.33, 0.37
HSL	324°, 71%, 37%
HSV	324°, 83%, 63%
XYZ	17.5430, 9.3190, 14.7840
YIQ	75.8870, 53.5880, 53.0760

Conversions

Conversions Part 2

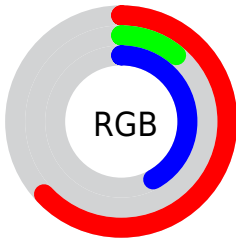
Format	Color
RYB	160, 27, 107
Decimal	10492779
CIELab	36.59, 57.99, -12.12
CIElCh	37, 59.247, 348.195
Yxy	9.3190, 0.4212, 0.2238
Android (android.graphics.Color)	4288682859 (0xFFA01B6B)
YUV	75.8870, 15.3387, 73.7671
Hunter-Lab	30.5270, 49.1564, -7.3449

Details

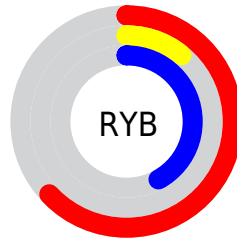
The RYB color **160, 27, 107** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **27, 122, 160**, and the grayscale version is **76, 76, 76**.

A 20% lighter version of the original color is **219, 88, 158**, and **103, 0, 60** is the 20% darker color. If you saturate the color by 10%, you get **160, 11, 101**, and if you desaturate by 10%, it is **160, 43, 113**.

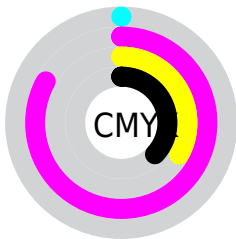
Distribution



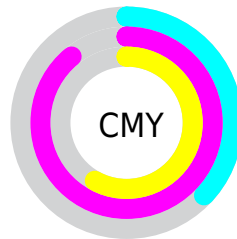
- Red (63%)
- Green (11%)
- Blue (42%)



- Red (63%)
- Yellow (11%)
- Blue (42%)



- Cyan (0%)
- Magenta (83%)
- Yellow (33%)
- Black (37%)



- Cyan (37%)
- Magenta (89%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RYB color 160, 27, 107 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, 27, 107 by changing the saturation by 10% instead.



160, 27, 107



160, 27, 107

255, 255, 255



131, 0, 83



219, 88, 158



103, 0, 60



249, 116, 185



76, 0, 38



255, 144, 213



51, 0, 16



255, 172, 241



1, 0, 0



255, 201, 255



0, 0, 0



255, 230, 255



160, 27, 107



160, 27, 107



160, 11, 101



160, 43, 113

160, 0, 96

160, 59, 120

160, 75, 126

160, 91, 133

160, 107, 139

160, 123, 145

160, 139, 152

160, 155, 158

160, 168, 171

Harmonies

Analogous

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



123, 57, 150



160, 27, 107



168, 25, 60

Triad

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



160, 27, 107



0, 93, 15



0, 63, 157

Complementary

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



160, 27, 107



27, 122, 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.



0, 55, 115



160, 27, 107



0, 93, 101

Square

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



160, 27, 107



69, 121, 0



0, 65, 105



0, 63, 180

Rectangle

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



160, 27, 107



159, 46, 29



0, 65, 105



0, 61, 144

Sweetspot

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



160, 27, 107



209, 157, 188



78, 27, 160



105, 73, 92



232, 232, 232



105, 105, 105

Same Dimension

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



160, 27, 107



209, 0, 126



160, 27, 43



79, 71, 76



143, 0, 86



15, 0, 9

Inverse Universe

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



160, 27, 107



209, 0, 126



27, 98, 160



79, 71, 76



143, 0, 86



15, 0, 9

Previews

White Background



This preview shows how the RYB color 160, 27, 107 looks on a white background.

Color Contrast Check

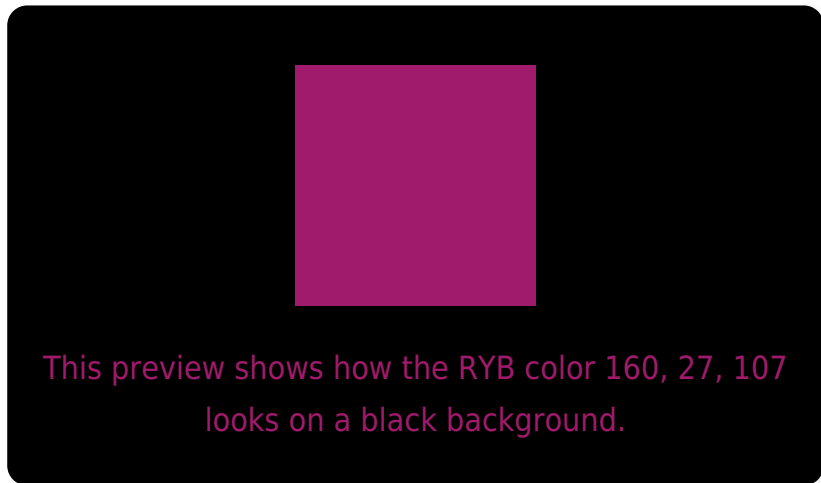
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 160, 27, 107 Background



This preview shows how black text looks on a background with the RYB color 160, 27, 107.

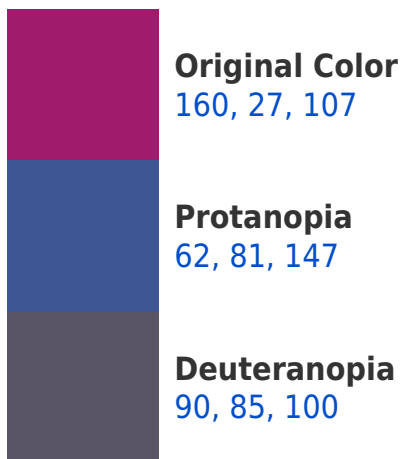


This preview shows how white text looks on a background with the RYB color 160, 27, 107.

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





Tritanopia
156, 48, 50

Trichromacy



Original Color

160, 27, 107

Protanomaly

98, 65, 132

Deuteranomaly

115, 64, 103

Tritanomaly

157, 40, 71

Monochromacy



Original Color

160, 27, 107

Achromatopsia

76, 76, 76

Achromatomaly

107, 58, 87

CSS Examples

Text

The CSS property to change the color of the text to RYB 160, 27, 107 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, 27, 107)` looks like.

```
.text, #text, p{  
    color:rgb(160, 27, 107)  
}
```

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, 27, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 27, 107) }
```

Border

The CSS property to change the border of an element to RYB 160, 27, 107 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, 27, 107) }
```

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

```
.border{ border-color:rgb(160, 27, 107) }
```

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

Here you see how a box with a 4 pixel rgb(160, 27, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 27, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 27, 107);  
box-shadow:4px 4px 4px 4px rgb(160, 27,  
107) }
```

Background

The CSS property to change the background color of an element to RGB 160, 27, 107 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 27, 107) }
```

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

```
.background{ background-color: rgb(160, 27,  
107) }
```

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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