

Converting Colors

`RYB(160, 111, 162)`

Have a look what the booklet for
RYB(160, 111, 162) contains.

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Color

R_{YB}(160, 111, 162)

Conversions

Conversions Part 1

Format	Color
Hex	A06FA2
RGB	160, 111, 162
RGB Percent	63%, 44%, 64%
CMY	0.3725, 0.5647, 0.3647
CMYK	0.01, 0.31, 0.00, 0.36
HSL	298°, 22%, 54%
HSV	298°, 31%, 64%
XYZ	26.7032, 21.4511, 36.9155
YIQ	131.4650, 12.8330, 26.2490

Conversions

Conversions Part 2

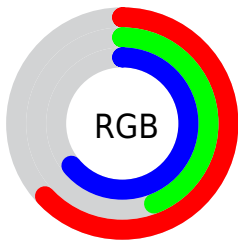
Format	Color
R_{YB}	160, 111, 162
Decimal	10514338
CIE _{Lab}	53.44, 28.17, -19.74
CIE _{LCh}	53, 34.392, 324.982
Yxy	21.4511, 0.3139, 0.2522
Android (android.graphics.Color)	4288704418 (0xFFA06FA2)
YUV	131.4650, 15.0538, 25.0252
Hunter-Lab	46.3153, 21.8628, -14.8362

Details

The RYB color **160, 111, 162** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **111, 162, 160**, and the grayscale version is **131, 131, 131**.

A 20% lighter version of the original color is **215, 163, 217**, and **108, 62, 110** is the 20% darker color. If you saturate the color by 10%, you get **159, 95, 162**, and if you desaturate by 10%, it is **161, 127, 162**.

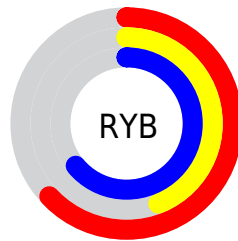
Distribution



Red (63%)

Green (44%)

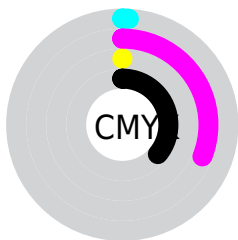
Blue (64%)



Red (63%)

Yellow (44%)

Blue (64%)

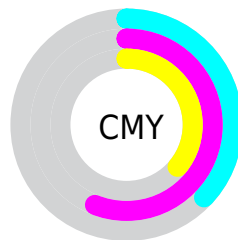


Cyan (1%)

Magenta (31%)

Yellow (0%)

Black (36%)



Cyan (37%)


Magenta (56%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 160, 111, 162 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, 111, 162 by changing the saturation by 10% instead.

 160, 111, 162

255, 255, 255

 215, 163, 217


 244, 191, 245

 255, 219, 255

 255, 247, 255

 160, 111, 162


 159, 95, 162

 160, 111, 162

 133, 86, 136

 108, 62, 110


 83, 39, 86


 58, 16, 62

 37, 0, 40

 0, 1, 18

 0, 0, 0

 160, 111, 162

 161, 127, 162

159, 79, 162

161, 143, 162

158, 62, 162

162, 160, 162

157, 46, 162

162, 176, 175

157, 30, 162

162, 192, 191

156, 14, 162

162, 208, 206

156, 0, 162

162, 224, 222

162, 241, 238

162, 255, 251

Harmonies

Analogous

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



123, 122, 181



160, 111, 162



181, 104, 134

Triad

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



160, 111, 162



108, 151, 68



0, 74, 152

Complementary

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



160, 111, 162



111, 162, 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.



40, 98, 143



160, 111, 162



73, 133, 85

Square

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



160, 111, 162



173, 134, 80



86, 134, 140



0, 77, 175

Rectangle

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



160, 111, 162



185, 104, 114



86, 134, 140



0, 72, 143

Sweetspot

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



160, 111, 162



211, 193, 212



111, 114, 162



107, 95, 107



235, 235, 235



107, 107, 107

Same Dimension

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



160, 111, 162



208, 131, 212



162, 111, 139



81, 73, 82



140, 0, 145



17, 0, 18

Inverse Universe

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



162, 111, 113



212, 131, 134



111, 146, 162



82, 73, 74



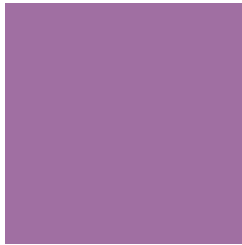
145, 0, 6



18, 0, 1

Previews

White Background



This preview shows how the RYB color 160, 111, 162 looks on a white background.

Color Contrast Check

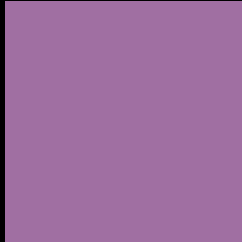
Large Text (above 18pt) WCAG AA ✓ Pass

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, 111, 162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

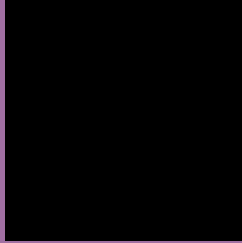
Any Text WCAG AA ✓ Pass

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, 111, 162 Background



This preview shows how black text looks on a background with the RYB color 160, 111, 162.



This preview shows how white text looks on a background with the RYB color 160, 111, 162.

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, 111, 162

Protanopia

114, 124, 173

Deuteranopia

124, 125, 159



Tritanopia
155, 118, 127

Trichromacy



Original Color
160, 111, 162

Protanomaly
131, 121, 169

Deuteranomaly
137, 120, 160

Tritanomaly
157, 115, 140

Monochromacy



Original Color
160, 111, 162

Achromatopsia
131, 131, 131

Achromatomaly
142, 124, 142

CSS Examples

Text

The CSS property to change the color of the text to RYB 160, 111, 162 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, 111, 162)` looks like.

```
.text, #text, p{  
    color:rgb(160, 111, 162)  
}
```

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, 111, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 111, 162) }
```

Border

The CSS property to change the border of an element to RYB 160, 111, 162 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, 111, 162) }
```

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

```
.border{ border-color:rgb(160, 111, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 111, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 111, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 111, 162);  
box-shadow:4px 4px 4px 4px rgb(160, 111,  
162) }
```

Background

The CSS property to change the background color of an element to RYB 160, 111, 162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 111, 162) }
```

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

```
.background{ background-color: rgb(160,  
111, 162) }
```

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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