

Converting Colors

`RYB(160, 92, 153)`

Have a look what the booklet for
RYB(160, 92, 153) contains.

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Color

R_YB(160, 92, 153)

Conversions

Conversions Part 1

Format	Color
Hex	A05C99
RGB	160, 92, 153
RGB Percent	63%, 36%, 60%
CMY	0.3725, 0.6392, 0.4000
CMYK	0.00, 0.42, 0.04, 0.37
HSL	306°, 27%, 49%
HSV	306°, 42%, 63%
XYZ	24.0741, 17.4278, 32.2320
YIQ	119.2860, 20.9470, 33.3870

Conversions

Conversions Part 2

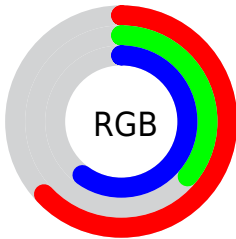
Format	Color
R_{YB}	160, 92, 153
Decimal	10509465
CIE _{Lab}	48.79, 37.07, -21.58
CIE _{LCh}	49, 42.891, 329.795
Yxy	17.4278, 0.3265, 0.2364
Android (android.graphics.Color)	4288699545 (0xFFA05C99)
YUV	119.2860, 16.6210, 35.7062
Hunter-Lab	41.7466, 29.8795, -16.5545

Details

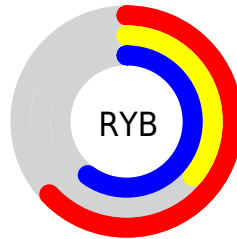
The RYB color **160, 92, 153** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **92, 154, 160**, and the grayscale version is **119, 119, 119**.

A 20% lighter version of the original color is **216, 144, 208**, and **107, 43, 102** is the 20% darker color. If you saturate the color by 10%, you get **160, 76, 151**, and if you desaturate by 10%, it is **160, 108, 155**.

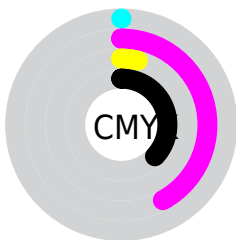
Distribution



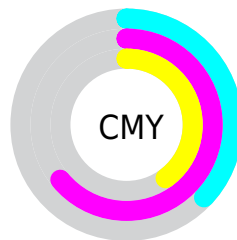
- Red (63%)
- Green (36%)
- Blue (60%)



- Red (63%)
- Yellow (36%)
- Blue (60%)



- Cyan (0%)
- Magenta (42%)
- Yellow (4%)
- Black (37%)




- Cyan (37%)
- Magenta (64%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 160, 92, 153 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, 92, 153 by changing the saturation by 10% instead.

 160, 92, 153

255, 255, 255

 216, 144, 208

 245, 171, 236


 255, 199, 255

 255, 227, 255

 160, 92, 153

 133, 67, 127

 107, 43, 102

 81, 17, 78

 57, 0, 55

 37, 0, 33


 0, 0, 5


 0, 0, 0

 160, 92, 153

 160, 76, 151


 160, 92, 153


 160, 108, 155


 160, 60, 150


 160, 124, 156


 160, 44, 148

 160, 140, 158


 160, 28, 146

 160, 156, 160

 160, 12, 145

 160, 171, 172

 160, 0, 144

 160, 185, 188

 160, 200, 204

 160, 215, 220

 160, 229, 236

Harmonies

Analogous

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



117, 106, 179



160, 92, 153



181, 84, 118

Triad

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



160, 92, 153



67, 136, 39



0, 71, 151

Complementary

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



160, 92, 153



92, 154, 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, 72, 134



160, 92, 153



49, 124, 73

Square

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



160, 92, 153



165, 134, 53



51, 111, 131



0, 75, 178

Rectangle

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



160, 92, 153



183, 85, 93



51, 111, 131



0, 68, 139

Sweetspot

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



160, 92, 153



209, 182, 206



99, 92, 160



105, 88, 103



232, 232, 232



105, 105, 105

Same Dimension

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



160, 92, 153



209, 102, 198



160, 92, 119



79, 71, 78



143, 0, 128



15, 0, 14

Inverse Universe

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



160, 92, 153



209, 102, 198



92, 134, 160



79, 71, 78



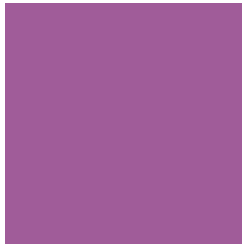
143, 0, 128



15, 0, 14

Previews

White Background



This preview shows how the RYB color 160, 92, 153 looks on a white background.

Color Contrast Check

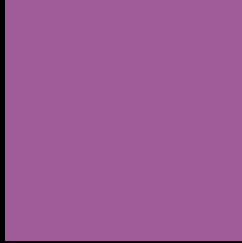
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 160, 92, 153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

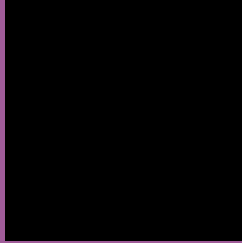
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

RYB 160, 92, 153 Background



This preview shows how black text looks on a background with the RYB color 160, 92, 153.

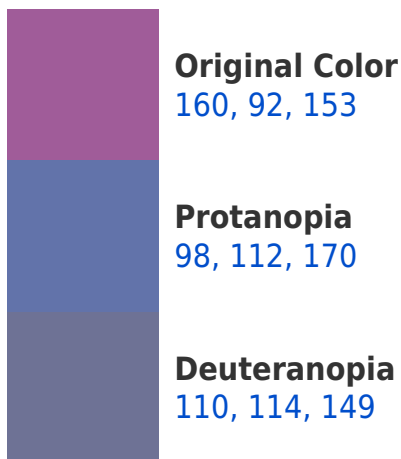



This preview shows how white text looks on a background with the RYB color 160, 92, 153.

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
155, 101, 109

Trichromacy



Original Color
160, 92, 153

Protanomaly
121, 107, 164

Deuteranomaly
128, 106, 150

Tritanomaly
157, 98, 125

Monochromacy



Original Color
160, 92, 153

Achromatopsia
119, 119, 119

Achromatomaly
134, 109, 131

CSS Examples

Text

The CSS property to change the color of the text to RYB 160, 92, 153 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, 92, 153)` looks like.

```
.text, #text, p{  
    color:rgb(160, 92, 153)  
}
```

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, 92, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 92, 153) }
```

Border

The CSS property to change the border of an element to RYB 160, 92, 153 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, 92, 153) }
```

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

```
.border{ border-color:rgb(160, 92, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 92, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(160, 92, 153); -webkit-box-shadow:4px 4px 4px 4px rgb(160, 92, 153); box-shadow:4px 4px 4px 4px rgb(160, 92, 153) }
```

Background

The CSS property to change the background color of an element to RYB 160, 92, 153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 92, 153) }
```

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

```
.background{ background-color: rgb(160, 92,  
153) }
```

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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