

Converting Colors

`RYB(192, 117, 181)`

Have a look what the booklet for
RYB(192, 117, 181) contains.

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Color

R_YB(192, 117, 181)

Conversions

Conversions Part 1

Format	Color
Hex	C075B5
RGB	192, 117, 181
RGB Percent	75%, 46%, 71%
CMY	0.2471, 0.5412, 0.2902
CMYK	0.00, 0.39, 0.06, 0.25
HSL	309°, 37%, 61%
HSV	309°, 39%, 75%
XYZ	36.4400, 27.2652, 47.0582
YIQ	146.7210, 24.1560, 35.8040

Conversions

Conversions Part 2

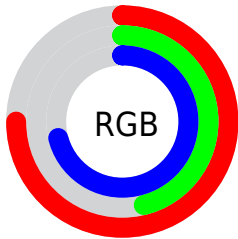
Format	Color
R _Y B	192, 117, 181
Decimal	12613045
CIE _{Lab}	59.22, 39.01, -21.52
CIE _{LCh}	59, 44.556, 331.112
Yxy	27.2652, 0.3290, 0.2462
Android (android.graphics.Color)	4290803125 (0xFFC075B5)
YUV	146.7210, 16.8995, 39.7097
Hunter-Lab	52.2161, 33.1913, -16.8820

Details

The RYB color **192, 117, 181** is a light color, and the websafe version is hex **996699**. A complement of this color would be **117, 182, 192**, and the grayscale version is **147, 147, 147**.

A 20% lighter version of the original color is **250, 171, 237**, and **137, 66, 128** is the 20% darker color. If you saturate the color by 10%, you get **192, 98, 178**, and if you desaturate by 10%, it is **192, 136, 184**.

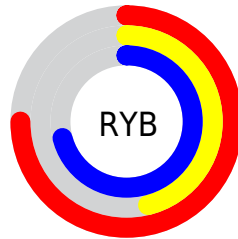
Distribution



Red (75%)

Green (46%)

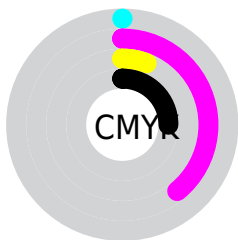
Blue (71%)



Red (75%)

Yellow (46%)

Blue (71%)

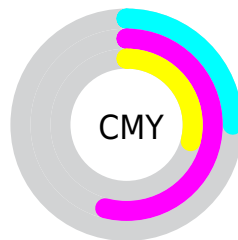


Cyan (0%)

Magenta (39%)

Yellow (6%)

Black (25%)



Cyan (25%)

Magenta (54%)

Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the RYB color 192, 117, 181 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 192, 117, 181 by changing the saturation by 10% instead.


 192, 117, 181

255, 255, 255

 250, 171, 237


 255, 198, 255

 255, 227, 255

 192, 117, 181

 164, 91, 154

 137, 66, 128

 111, 41, 103

 85, 14, 79


 60, 0, 55

 40, 0, 34

 0, 0, 7

 0, 0, 0


 192, 117, 181

 192, 117, 181

 192, 98, 178

 192, 136, 184


 192, 79, 175


 192, 155, 187

 192, 59, 173

 192, 175, 189

 192, 40, 170

 192, 194, 194

 192, 21, 167

 192, 210, 213

 192, 2, 164

 192, 227, 232

 192, 0, 164

 192, 243, 251

 192, 245, 255

 192, 244, 255

Harmonies

Analogous

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



147, 132, 210



192, 117, 181



214, 109, 143

Triad

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



192, 117, 181



92, 164, 62



0, 86, 182

Complementary

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



192, 117, 181



117, 182, 192

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, 86, 162



192, 117, 181



73, 152, 101

Square

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



192, 117, 181



195, 168, 74



73, 137, 159



0, 90, 210

Rectangle

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



192, 117, 181



216, 111, 116



73, 137, 159



0, 83, 169

Sweetspot

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



192, 117, 181



250, 220, 246



127, 117, 192



125, 107, 122



252, 252, 252



125, 125, 125

Same Dimension

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



192, 117, 181



250, 132, 233



192, 117, 145



97, 87, 95



161, 0, 137



33, 0, 28

Inverse Universe

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



192, 117, 181



250, 132, 233



117, 163, 192



97, 87, 95



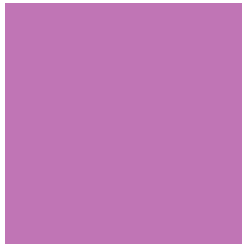
161, 0, 137



33, 0, 28

Previews

White Background



This preview shows how the RYB color 192, 117, 181 looks on a white background.

Color Contrast Check

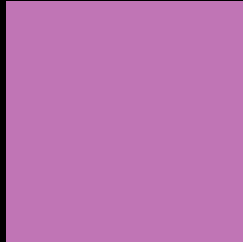
Large Text (above 18pt) WCAG AA ✓ Pass

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 192, 117, 181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

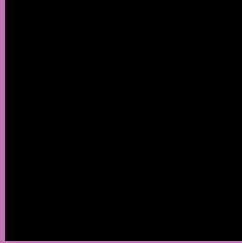
Any Text WCAG AA ✓ Pass

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 192, 117, 181 Background



This preview shows how black text looks on a background with the RYB color 192, 117, 181.

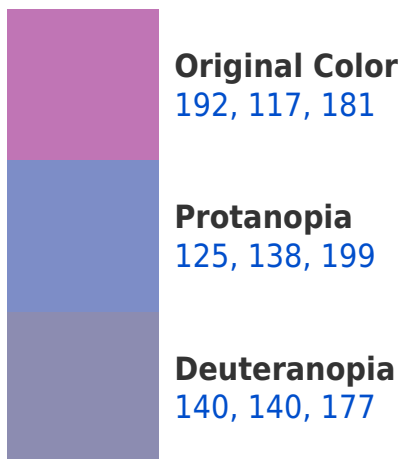


This preview shows how white text looks on a background with the RYB color 192, 117, 181.

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
186, 126, 136

Trichromacy



Original Color

192, 117, 181



Protanomaly

149, 132, 192



Deuteranomaly

159, 132, 178



Tritanomaly

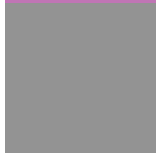
188, 123, 152

Monochromacy



Original Color

192, 117, 181



Achromatopsia

147, 147, 147



Achromatomaly

163, 136, 159

CSS Examples

Text

The CSS property to change the color of the text to RYB 192, 117, 181 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(192, 117, 181)` looks like.

```
.text, #text, p{  
    color:rgb(192, 117, 181)  
}
```

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(192, 117, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 117, 181) }
```

Border

The CSS property to change the border of an element to RYB 192, 117, 181 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(192, 117, 181) }
```

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

```
.border{ border-color:rgb(192, 117, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 117, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 117, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 117, 181);  
box-shadow:4px 4px 4px 4px rgb(192, 117,  
181) }
```

Background

The CSS property to change the background color of an element to RGB 192, 117, 181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 117, 181) }
```

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

```
.background{ background-color: rgb(192,  
117, 181) }
```

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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