

Converting Colors

`RYB(191, 110, 162)`

Have a look what the booklet for
RYB(191, 110, 162) contains.

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Color

$\text{RYB}(191, 110, 162)$

Conversions

Conversions Part 1

Format	Color
Hex	BF6EA2
RGB	191, 110, 162
RGB Percent	75%, 43%, 64%
CMY	0.2510, 0.5686, 0.3647
CMYK	0.00, 0.42, 0.15, 0.25
HSL	321°, 39%, 59%
HSV	321°, 42%, 75%
XYZ	33.5834, 24.8369, 37.2064
YIQ	140.1470, 31.5840, 33.3440

Conversions

Conversions Part 2

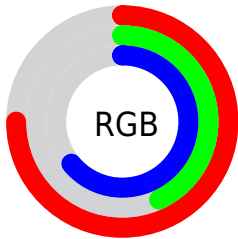
Format	Color
RYB	191, 110, 162
Decimal	12545698
CIELab	56.92, 39.19, -14.11
CIELCh	57, 41.649, 340.202
Yxy	24.8369, 0.3512, 0.2597
Android (android.graphics.Color)	4290735778 (0xFFBF6EA2)
YUV	140.1470, 10.7735, 44.5981
Hunter-Lab	49.8366, 33.0717, -9.3784

Details

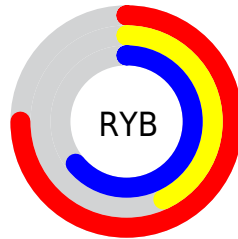
The RYB color **191, 110, 162** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **110, 170, 191**, and the grayscale version is **140, 140, 140**.

A 20% lighter version of the original color is **249, 163, 217**, and **136, 59, 110** is the 20% darker color. If you saturate the color by 10%, you get **191, 91, 155**, and if you desaturate by 10%, it is **191, 129, 169**.

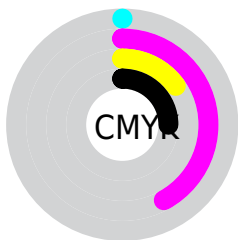
Distribution



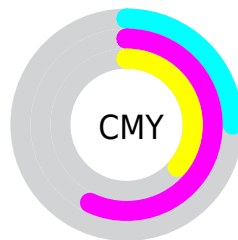
- Red (75%)
- Green (43%)
- Blue (64%)



- Red (75%)
- Yellow (43%)
- Blue (64%)



- Cyan (0%)
- Magenta (42%)
- Yellow (15%)
- Black (25%)




- Cyan (25%)
- Magenta (57%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 191, 110, 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 191, 110, 162 by changing the saturation by 10% instead.

 191, 110, 162


255, 255, 255

 249, 163, 217

 255, 191, 245

 255, 219, 255

 255, 248, 255

 191, 110, 162

 163, 84, 136

 136, 59, 110

 109, 34, 86


 83, 4, 63


 58, 0, 41


 36, 0, 20


 0, 0, 0


 191, 110, 162


 191, 91, 155


 191, 110, 162


 191, 129, 169


 191, 72, 148


 191, 148, 176

 191, 53, 141

 191, 167, 183

 191, 34, 135

 191, 186, 189

 191, 15, 128


 191, 202, 206

 191, 0, 123

 191, 216, 225

 191, 230, 244

 191, 237, 255

 191, 233, 255

Harmonies

Analogous

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



156, 122, 192



191, 110, 162



205, 106, 125

Triad

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



191, 110, 162



71, 146, 63



0, 83, 182

Complementary

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



191, 110, 162



110, 170, 191

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, 79, 155



191, 110, 162



79, 148, 120

Square

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



191, 110, 162



167, 178, 68



54, 117, 153



0, 85, 204

Rectangle

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



191, 110, 162



203, 111, 102



54, 117, 153



0, 81, 172

Sweetspot

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



191, 110, 162



247, 215, 236



138, 110, 191



125, 105, 118



252, 252, 252



125, 125, 125

Same Dimension

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



191, 110, 162



247, 121, 202



191, 110, 122



94, 85, 91



158, 0, 101



31, 0, 20

Inverse Universe

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



191, 110, 162



247, 121, 202



110, 154, 191



94, 85, 91



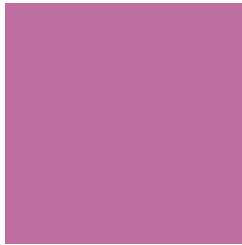
158, 0, 101



31, 0, 20

Previews

White Background



This preview shows how the RYB color 191, 110, 162 looks on a white background.

Color Contrast Check

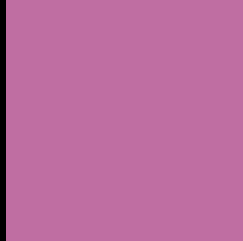
Large Text (above 18pt) WCAG AA ✓ Pass

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 191, 110, 162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

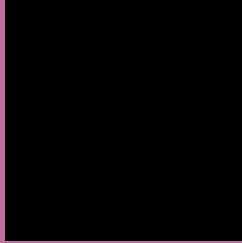
Any Text WCAG AA ✓ Pass

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 191, 110, 162 Background



This preview shows how black text looks on a background with the RYB color 191, 110, 162.



This preview shows how white text looks on a background with the RYB color 191, 110, 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
191, 110, 162

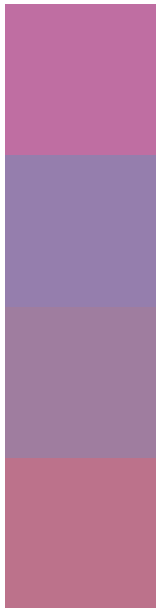
Protanopia
125, 133, 180

Deuteranopia
140, 134, 158



Tritanopia
187, 117, 126

Trichromacy



Original Color
191, 110, 162

Protanomaly
149, 126, 173

Deuteranomaly
159, 125, 159

Tritanomaly
188, 114, 139

Monochromacy



Original Color
191, 110, 162

Achromatopsia
140, 140, 140

Achromatomaly
159, 129, 148

CSS Examples

Text

The CSS property to change the color of the text to RYB 191, 110, 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(191, 110, 162)` looks like.

```
.text, #text, p{  
    color:rgb(191, 110, 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(191, 110, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 110, 162) }
```

Border

The CSS property to change the border of an element to RYB 191, 110, 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(191, 110, 162) }
```

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

```
.border{ border-color:rgb(191, 110, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 110, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 110, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 110, 162);  
box-shadow:4px 4px 4px 4px rgb(191, 110,  
162) }
```

Background

The CSS property to change the background color of an element to RYB 191, 110, 162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 110, 162) }
```

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

```
.background{ background-color: rgb(191,  
110, 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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