

Converting Colors

`RYB(190, 113, 177)`

Have a look what the booklet for
RYB(190, 113, 177) contains.

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Color

R_YB(190, 113, 177)

Conversions

Conversions Part 1

Format	Color
Hex	BE71B1
RGB	190, 113, 177
RGB Percent	75%, 44%, 69%
CMY	0.2549, 0.5569, 0.3059
CMYK	0.00, 0.41, 0.07, 0.25
HSL	310°, 37%, 59%
HSV	310°, 41%, 75%
XYZ	35.0761, 25.9317, 44.7516
YIQ	143.3190, 25.3480, 36.2280

Conversions

Conversions Part 2

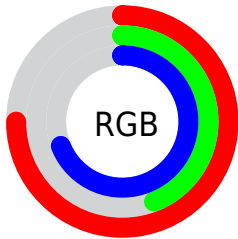
Format	Color
RYB	190, 113, 177
Decimal	12480945
CIELab	57.97, 39.80, -21.16
CIELCh	58, 45.073, 331.997
Yxy	25.9317, 0.3317, 0.2452
Android (android.graphics.Color)	4290671025 (0xFFBE71B1)
YUV	143.3190, 16.6047, 40.9392
Hunter-Lab	50.9232, 33.8360, -16.4581

Details

The RYB color **190, 113, 177** is a light color, and the websafe version is hex **996699**. A complement of this color would be **113, 179, 190**, and the grayscale version is **143, 143, 143**.

A 20% lighter version of the original color is **248, 166, 233**, and **135, 62, 124** is the 20% darker color. If you saturate the color by 10%, you get **190, 94, 174**, and if you desaturate by 10%, it is **190, 132, 180**.

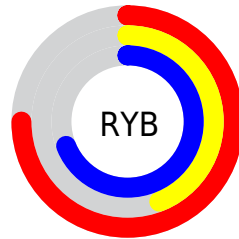
Distribution



Red (75%)

Green (44%)

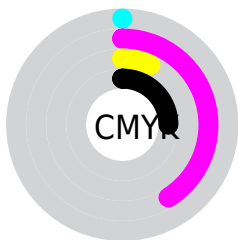
Blue (69%)



Red (75%)

Yellow (44%)

Blue (69%)

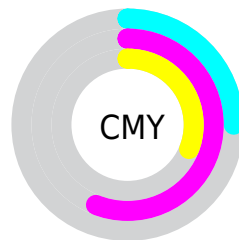


Cyan (0%)

Magenta (41%)

Yellow (7%)

Black (25%)



Cyan (25%)

Magenta (56%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 190, 113, 177 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 190, 113, 177 by changing the saturation by 10% instead.

 190, 113, 177

255, 255, 255

 248, 166, 233

 255, 194, 255

 255, 222, 255

 255, 251, 255

 190, 113, 177

 162, 87, 150

 135, 62, 124

 109, 37, 99

 83, 8, 75

 58, 0, 52


 37, 0, 31

 0, 0, 1


 0, 0, 0


 190, 113, 177


 190, 113, 177


 190, 94, 174


 190, 132, 180


 190, 75, 171


 190, 151, 183

 190, 56, 167

 190, 170, 187

 190, 37, 164

 190, 189, 190

 190, 18, 161

 190, 205, 208

 190, 0, 158

 190, 222, 227

 190, 238, 246

 190, 244, 255

 190, 242, 255

Harmonies

Analogous

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



145, 128, 206



190, 113, 177



211, 106, 138

Triad

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



190, 113, 177



85, 160, 57



0, 84, 180

Complementary

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



190, 113, 177



113, 179, 190

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, 84, 159



190, 113, 177



70, 149, 100

Square

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



190, 113, 177



192, 167, 70



66, 131, 156



0, 88, 208

Rectangle

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



190, 113, 177



213, 108, 112



66, 131, 156



0, 82, 168

Sweetspot

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



190, 113, 177



247, 218, 242



126, 113, 190



125, 107, 122



252, 252, 252



125, 125, 125

Same Dimension

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



190, 113, 177



247, 126, 227



190, 113, 139



94, 85, 93



158, 0, 131



31, 0, 25

Inverse Universe

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



190, 113, 177



247, 126, 227



113, 159, 190



94, 85, 93



158, 0, 131



31, 0, 25

Previews

White Background



This preview shows how the RYB color 190, 113, 177 looks on a white background.

Color Contrast Check

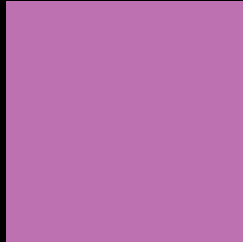
Large Text (above 18pt) WCAG AA ✓ Pass

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 190, 113, 177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

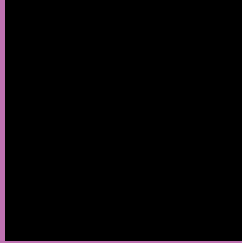
Any Text WCAG AA ✓ Pass

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 190, 113, 177 Background



This preview shows how black text looks on a background with the RYB color 190, 113, 177.

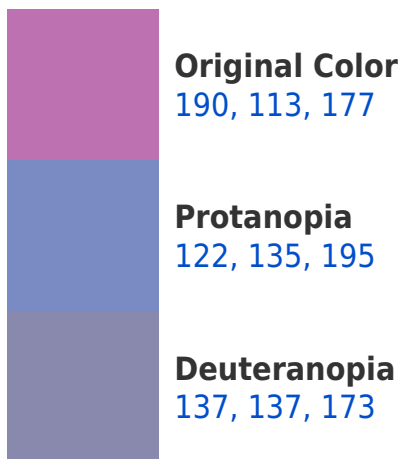


This preview shows how white text looks on a background with the RYB color 190, 113, 177.

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
185, 122, 132

Trichromacy



Original Color
190, 113, 177

Protanomaly
147, 129, 188

Deuteranomaly
156, 128, 174

Tritanomaly
187, 119, 148

Monochromacy



Original Color
190, 113, 177

Achromatopsia
143, 143, 143

Achromatomaly
160, 132, 155

CSS Examples

Text

The CSS property to change the color of the text to RYB 190, 113, 177 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(190, 113, 177)` looks like.

```
.text, #text, p{  
    color:rgb(190, 113, 177)  
}
```

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(190, 113, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 113, 177) }
```

Border

The CSS property to change the border of an element to RYB 190, 113, 177 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(190, 113, 177) }
```

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

```
.border{ border-color:rgb(190, 113, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 113, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 113, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 113, 177);  
box-shadow:4px 4px 4px 4px rgb(190, 113,  
177) }
```

Background

The CSS property to change the background color of an element to RYB 190, 113, 177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 113, 177) }
```

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

```
.background{ background-color: rgb(190,  
113, 177) }
```

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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