

Converting Colors

`RYB(190, 166, 184)`

Have a look what the booklet for RYB(190, 166, 184) contains.

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Color

R_YB(190, 166, 184)

Conversions

Conversions Part 1

Format	Color
Hex	BEA6B8
RGB	190, 166, 184
RGB Percent	75%, 65%, 72%
CMY	0.2549, 0.3490, 0.2784
CMYK	0.00, 0.13, 0.03, 0.25
HSL	315°, 16%, 70%
HSV	315°, 13%, 75%
XYZ	43.5232, 41.6803, 51.0986
YIQ	175.2280, 8.5260, 10.6860

Conversions

Conversions Part 2

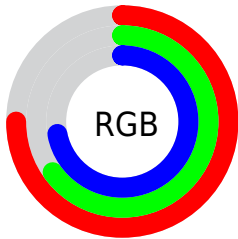
Format	Color
R _Y B	190, 166, 184
Decimal	12494520
CIE Lab	70.65, 11.90, -6.03
CIE LCh	71, 13.335, 333.137
Yxy	41.6803, 0.3193, 0.3058
Android (android.graphics.Color)	4290684600 (0xFFBEA6B8)
YUV	175.2280, 4.3246, 12.9550
Hunter-Lab	64.5603, 7.3549, -1.7351

Details

The RYB color **190, 166, 184** is a light color, and the websafe version is hex **999999**. A complement of this color would be **166, 185, 190**, and the grayscale version is **175, 175, 175**.

A 20% lighter version of the original color is **246, 221, 240**, and **137, 114, 131** is the 20% darker color. If you saturate the color by 10%, you get **190, 147, 179**, and if you desaturate by 10%, it is **190, 185, 189**.

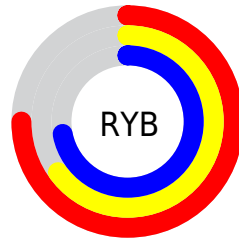
Distribution



Red (75%)

Green (65%)

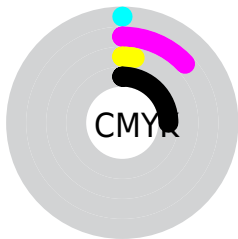
Blue (72%)



Red (75%)

Yellow (65%)

Blue (72%)

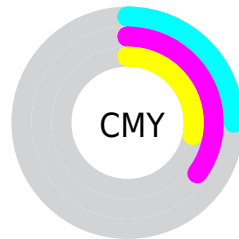


Cyan (0%)

Magenta (13%)

Yellow (3%)

Black (25%)



Cyan (25%)

Magenta (35%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RYB color 190, 166, 184 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, 166, 184 by changing the saturation by 10% instead.

 190, 166, 184

255, 255, 255


 246, 221, 240

 255, 250, 255

 190, 166, 184


 163, 140, 157

 137, 114, 131

 111, 89, 106

 87, 66, 82

 63, 44, 59

 41, 23, 37

 22, 0, 16


 0, 0, 0

 190, 166, 184


 190, 166, 184

 190, 147, 179


 190, 185, 189

 190, 128, 175


 190, 201, 204

 190, 109, 170


 190, 217, 223

 190, 90, 165


 190, 232, 242

 190, 71, 160


 190, 241, 255

 190, 52, 156

 190, 238, 255

 190, 33, 151

 190, 236, 255

 190, 14, 146

 190, 234, 255

 190, 0, 143

 190, 231, 255

Harmonies

Analogous

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



177, 169, 193



190, 166, 184



198, 165, 172

Triad

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



190, 166, 184



162, 181, 149



142, 162, 186

Complementary

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



190, 166, 184



166, 185, 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.



144, 164, 180



190, 166, 184



152, 176, 160

Square

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



190, 166, 184



192, 179, 152



154, 173, 179



148, 166, 194

Rectangle

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



190, 166, 184



199, 165, 164



154, 173, 179



142, 161, 182

Sweetspot

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



190, 166, 184



247, 237, 245



172, 166, 190



125, 119, 123



252, 252, 252



125, 125, 125

Same Dimension

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



190, 166, 184



247, 210, 238



190, 166, 172



94, 85, 92



158, 0, 119



31, 0, 23

Inverse Universe

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



190, 166, 184



247, 210, 238



166, 180, 190



94, 85, 92



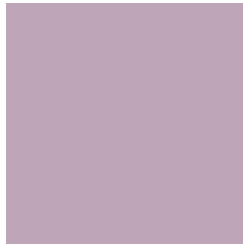
158, 0, 119



31, 0, 23

Previews

White Background



This preview shows how the RYB color 190, 166, 184 looks on a white background.

Color Contrast Check

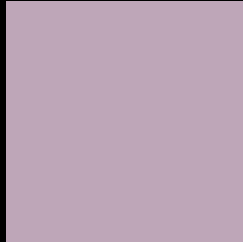
Large Text (above 18pt) WCAG AA × Fail

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, 166, 184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

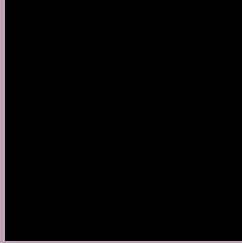
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

RYP 190, 166, 184 Background



This preview shows how black text looks on a background with the RYB color 190, 166, 184.



This preview shows how white text looks on a background with the RYB color 190, 166, 184.

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
190, 166, 184

Protanopia
172, 172, 188

Deuteranopia
185, 168, 184



Tritanopia
189, 167, 180

Trichromacy



Original Color
190, 166, 184

Protanomaly
179, 170, 187

Deuteranomaly
187, 167, 184

Tritanomaly
189, 167, 181

Monochromacy



Original Color
190, 166, 184

Achromatopsia
175, 175, 175

Achromatomaly
180, 172, 178

CSS Examples

Text

The CSS property to change the color of the text to RYB 190, 166, 184 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, 166, 184) looks like.

```
.text, #text, p{  
    color:rgb(190, 166, 184)  
}
```

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, 166, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 166, 184) }
```

Border

The CSS property to change the border of an element to RYB 190, 166, 184 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, 166, 184) }
```

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

```
.border{ border-color:rgb(190, 166, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 166, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 166, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 166, 184);  
box-shadow:4px 4px 4px 4px rgb(190, 166,  
184) }
```

Background

The CSS property to change the background color of an element to RYB 190, 166, 184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 166, 184) }
```

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

```
.background{ background-color: rgb(190,  
166, 184) }
```

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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