

Converting Colors

`RYB(190, 161, 189)`

Have a look what the booklet for RYB(190, 161, 189) contains.

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Color

$\text{RYB}(190, 161, 189)$

Conversions

Conversions Part 1

Format	Color
Hex	BEA1BD
RGB	190, 161, 189
RGB Percent	75%, 63%, 74%
CMY	0.2549, 0.3686, 0.2588
CMYK	0.00, 0.15, 0.01, 0.25
HSL	302°, 18%, 69%
HSV	302°, 15%, 75%
XYZ	43.1654, 40.1110, 53.6113
YIQ	172.8630, 8.2960, 14.8560

Conversions

Conversions Part 2

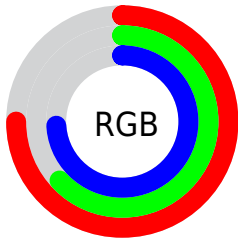
Format	Color
RYB	190, 161, 189
Decimal	12493245
CIELab	69.55, 15.58, -10.43
CIELCh	70, 18.754, 326.204
Yxy	40.1110, 0.3153, 0.2930
Android (android.graphics.Color)	4290683325 (0xFFBEA1BD)
YUV	172.8630, 7.9555, 15.0291
Hunter-Lab	63.3333, 10.8252, -5.8554

Details

The RYB color **190, 161, 189** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **161, 189, 190**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **246, 216, 245**, and **136, 109, 136** is the 20% darker color. If you saturate the color by 10%, you get **190, 142, 188**, and if you desaturate by 10%, it is **190, 180, 190**.

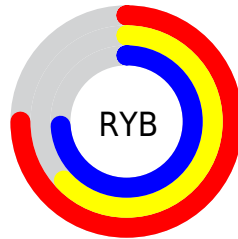
Distribution



Red (75%)

Green (63%)

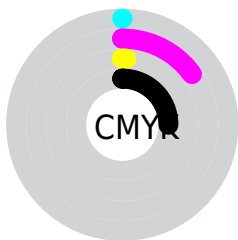
Blue (74%)



Red (75%)

Yellow (63%)

Blue (74%)

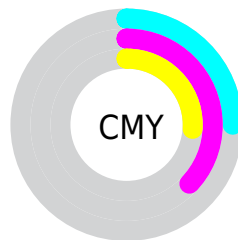


Cyan (0%)

Magenta (15%)

Yellow (1%)

Black (25%)



Cyan (25%)


Magenta (37%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RYB color 190, 161, 189 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, 161, 189 by changing the saturation by 10% instead.

 190, 161, 189

255, 255, 255


 246, 216, 245

 255, 244, 255

 190, 161, 189

 163, 135, 162


 136, 109, 136

 111, 85, 110

 86, 62, 86

 63, 39, 63

 40, 19, 41

 21, 0, 21

 0, 0, 0

 190, 161, 189

 190, 161, 189

190, 142, 188

190, 180, 190

190, 123, 188

190, 199, 199

190, 104, 187

190, 217, 218

190, 85, 186

190, 235, 237

190, 66, 186

190, 253, 255

190, 47, 185

190, 252, 255

190, 28, 184

190, 251, 255

190, 9, 184

190, 250, 255

190, 0, 183

Harmonies

Analogous

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



170, 166, 200



190, 161, 189



202, 158, 173

Triad

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



190, 161, 189



162, 185, 136



124, 153, 184

Complementary

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



190, 161, 189



161, 189, 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.



131, 159, 180



190, 161, 189



139, 173, 145

Square

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



190, 161, 189



199, 173, 142



148, 175, 178



130, 158, 198

Rectangle

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



190, 161, 189



205, 158, 161



148, 175, 178



125, 153, 180

Sweetspot

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



190, 161, 189



247, 235, 247



162, 161, 190



125, 117, 125



252, 252, 252



125, 125, 125

Same Dimension

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



190, 161, 189



247, 203, 246



190, 161, 175



94, 85, 94



158, 0, 153



31, 0, 30

Inverse Universe

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



190, 161, 189



247, 203, 246



161, 180, 190



94, 85, 94



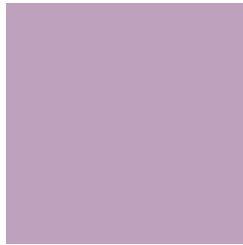
158, 0, 153



31, 0, 30

Previews

White Background



This preview shows how the RYB color 190, 161, 189 looks on a white background.

Color Contrast Check

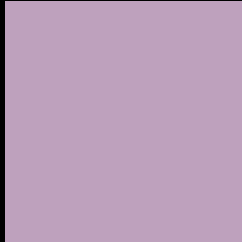
Large Text (above 18pt) WCAG AA × Fail

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, 161, 189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

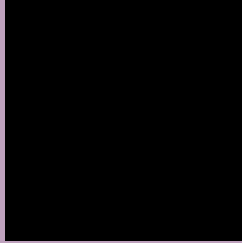
Any Text WCAG AA ✓ Pass

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](#).

RYB 190, 161, 189 Background



This preview shows how black text looks on a background with the RYB color 190, 161, 189.



This preview shows how white text looks on a background with the RYB color 190, 161, 189.

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, 161, 189

Protanopia
166, 169, 194

Deuteranopia
178, 165, 188



Tritanopia
188, 163, 176

Trichromacy



Original Color

190, 161, 189

Protanomaly

175, 166, 192

Deuteranomaly

182, 164, 188

Tritanomaly

189, 162, 181

Monochromacy



Original Color

190, 161, 189

Achromatopsia

173, 173, 173

Achromatomaly

179, 169, 179

CSS Examples

Text

The CSS property to change the color of the text to RYB 190, 161, 189 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, 161, 189)` looks like.

```
.text, #text, p{  
    color:rgb(190, 161, 189)  
}
```

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, 161, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 161, 189) }
```

Border

The CSS property to change the border of an element to RYB 190, 161, 189 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, 161, 189) }
```

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

```
.border{ border-color:rgb(190, 161, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 161, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 161, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 161, 189);  
box-shadow:4px 4px 4px 4px rgb(190, 161,  
189) }
```

Background

The CSS property to change the background color of an element to RYB 190, 161, 189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 161, 189) }
```

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

```
.background{ background-color: rgb(190,  
161, 189) }
```

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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