

Converting Colors

`RYB(189, 170, 187)`

Have a look what the booklet for RYB(189, 170, 187) contains.

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Color

R_YB(189, 170, 187)

Conversions

Conversions Part 1

Format	Color
Hex	BDAABB
RGB	189, 170, 187
RGB Percent	74%, 67%, 73%
CMY	0.2588, 0.3333, 0.2667
CMYK	0.00, 0.10, 0.01, 0.26
HSL	306°, 13%, 70%
HSV	306°, 10%, 74%
XYZ	44.3306, 43.1561, 53.0072
YIQ	177.6190, 5.8670, 9.3150

Conversions

Conversions Part 2

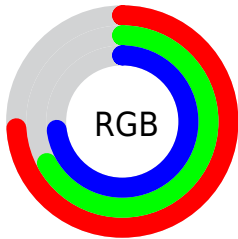
Format	Color
R _{YB}	189, 170, 187
Decimal	12430011
CIE _{Lab}	71.66, 9.91, -6.19
CIE _{LCh}	72, 11.685, 327.986
Yxy	43.1561, 0.3155, 0.3072
Android (android.graphics.Color)	4290620091 (0xFFBDAABB)
YUV	177.6190, 4.6248, 9.9811
Hunter-Lab	65.6933, 5.4906, -1.8551

Details

The RYB color **189, 170, 187** is a light color, and the websafe version is hex **999999**. A complement of this color would be **170, 187, 189**, and the grayscale version is **178, 178, 178**.

A 20% lighter version of the original color is **245, 225, 243**, and **136, 118, 134** is the 20% darker color. If you saturate the color by 10%, you get **189, 151, 185**, and if you desaturate by 10%, it is **189, 189, 189**.

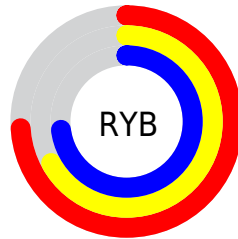
Distribution



Red (74%)

Green (67%)

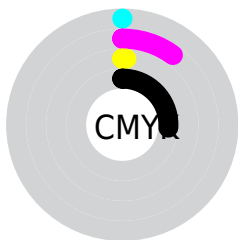
Blue (73%)



Red (74%)

Yellow (67%)

Blue (73%)

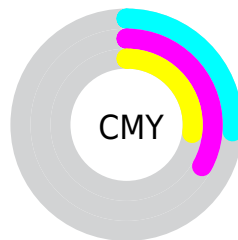


Cyan (0%)

Magenta (10%)

Yellow (1%)

Black (26%)



Cyan (26%)

Magenta (33%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 189, 170, 187 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 189, 170, 187 by changing the saturation by 10% instead.


 189, 170, 187

255, 255, 255

 245, 225, 243

255, 254, 255

 189, 170, 187


 162, 144, 160


 136, 118, 134

 110, 93, 109

 86, 70, 84

 62, 47, 61

 40, 26, 39

 21, 0, 19

 0, 0, 0

 189, 170, 187

 189, 170, 187

 189, 151, 185

 189, 189, 189

 189, 132, 183

 189, 206, 208

 189, 113, 181


 189, 223, 227

 189, 94, 179

 189, 241, 246

 189, 75, 177


 189, 248, 255

 189, 57, 175

 189, 246, 255

 189, 38, 173

 189, 245, 255

 189, 19, 171

 189, 243, 255

 189, 0, 169

 189, 242, 255

Harmonies

Analogous

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



177, 173, 194



189, 170, 187



197, 168, 177

Triad

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



189, 170, 187



169, 185, 154



149, 166, 185

Complementary

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



189, 170, 187



170, 187, 189

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.



152, 169, 182



189, 170, 187



157, 178, 162

Square

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



189, 170, 187



194, 178, 158



161, 178, 181



153, 169, 193

Rectangle

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



189, 170, 187



199, 168, 169



161, 178, 181



149, 166, 182

Sweetspot

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



189, 170, 187



245, 237, 244



172, 170, 189



122, 118, 122



250, 250, 250



122, 122, 122

Same Dimension

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



189, 170, 187



245, 215, 242



189, 170, 178



94, 85, 93



158, 0, 141



31, 0, 27

Inverse Universe

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



189, 170, 187



245, 215, 242



170, 182, 189



94, 85, 93



158, 0, 141



31, 0, 27

Previews

White Background



This preview shows how the RYB color 189, 170, 187 looks on a white background.

Color Contrast Check

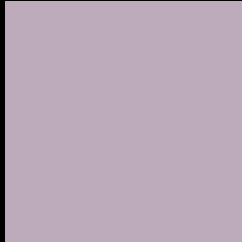
Large Text (above 18pt) WCAG AA × Fail

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 189, 170, 187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

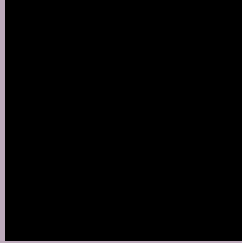
Any Text WCAG AA ✓ Pass

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 189, 170, 187 Background



This preview shows how black text looks on a background with the RYB color 189, 170, 187.



This preview shows how white text looks on a background with the RYB color 189, 170, 187.

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


189, 170, 187

Protanopia

175, 175, 190

Deuteranopia

188, 171, 187



Tritanopia
189, 171, 184

Trichromacy



Original Color
189, 170, 187

Protanomaly
180, 173, 189

Deuteranomaly
188, 171, 187

Tritanomaly
189, 171, 185

Monochromacy



Original Color
189, 170, 187

Achromatopsia
178, 178, 178

Achromatomaly
182, 175, 181

CSS Examples

Text

The CSS property to change the color of the text to RYB 189, 170, 187 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(189, 170, 187) looks like.

```
.text, #text, p{  
    color:rgb(189, 170, 187)  
}
```

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(189, 170, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 170, 187) }
```

Border

The CSS property to change the border of an element to RYB 189, 170, 187 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(189, 170, 187) }
```

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

```
.border{ border-color:rgb(189, 170, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 170, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 170, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 170, 187);  
box-shadow:4px 4px 4px 4px rgb(189, 170,  
187) }
```

Background

The CSS property to change the background color of an element to RYB 189, 170, 187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 170, 187) }
```

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

```
.background{ background-color: rgb(189,  
170, 187) }
```

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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