

Converting Colors

`RYB(189, 170, 184)`

Have a look what the booklet for RYB(189, 170, 184) contains.

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Color

R_YB(189, 170, 184)

Conversions

Conversions Part 1

Format	Color
Hex	BDAAB8
RGB	189, 170, 184
RGB Percent	74%, 67%, 72%
CMY	0.2588, 0.3333, 0.2784
CMYK	0.00, 0.10, 0.03, 0.26
HSL	316°, 13%, 70%
HSV	316°, 10%, 74%
XYZ	44.0127, 43.0290, 51.3331
YIQ	177.2770, 6.8300, 8.3820

Conversions

Conversions Part 2

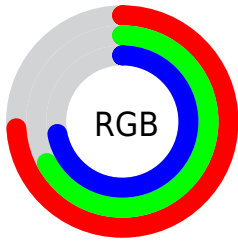
Format	Color
R _{YB}	189, 170, 184
Decimal	12430008
CIE Lab	71.57, 9.35, -4.67
CIE LCh	72, 10.451, 333.465
Yxy	43.0290, 0.3181, 0.3110
Android (android.graphics.Color)	4290620088 (0xFFBDAAB8)
YUV	177.2770, 3.3144, 10.2811
Hunter-Lab	65.5965, 4.9729, -0.4804

Details

The RYB color **189, 170, 184** is a light color, and the websafe version is hex **999999**. A complement of this color would be **170, 185, 189**, and the grayscale version is **177, 177, 177**.

A 20% lighter version of the original color is **245, 225, 240**, and **136, 118, 131** is the 20% darker color. If you saturate the color by 10%, you get **189, 151, 179**, and if you desaturate by 10%, it is **189, 189, 189**.

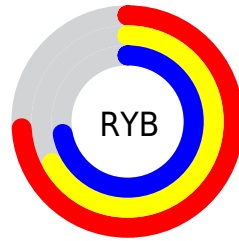
Distribution



Red (74%)

Green (67%)

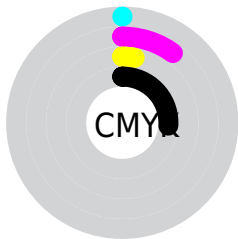
Blue (72%)



Red (74%)

Yellow (67%)

Blue (72%)

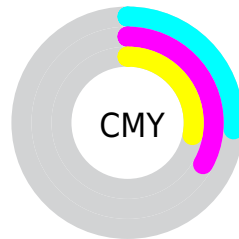


Cyan (0%)

Magenta (10%)

Yellow (3%)

Black (26%)



Cyan (26%)

Magenta (33%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RYB color 189, 170, 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 189, 170, 184 by changing the saturation by 10% instead.

 189, 170, 184

255, 255, 255


 245, 225, 240


255, 254, 255

 189, 170, 184

 162, 144, 157


 136, 118, 131

 110, 93, 106

 86, 70, 82

 62, 47, 59

 40, 26, 37

 21, 0, 16

 0, 0, 0

 189, 170, 184

 189, 170, 184

189, 151, 179

189, 189, 189

189, 132, 174

189, 204, 208

189, 113, 169

189, 219, 227

189, 94, 164

189, 234, 246

189, 75, 159

189, 240, 255

189, 57, 154

189, 237, 255

189, 38, 149

189, 234, 255

189, 19, 144

189, 232, 255

189, 0, 139

189, 230, 255

Harmonies

Analogous

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



179, 173, 191



189, 170, 184



195, 169, 174

Triad

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



189, 170, 184



166, 182, 156



152, 167, 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, 184



170, 185, 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.



153, 168, 181



189, 170, 184



159, 178, 166

Square

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



189, 170, 184



191, 181, 159



161, 175, 180



157, 171, 192

Rectangle

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



189, 170, 184



196, 169, 168



161, 175, 180



152, 167, 182

Sweetspot

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



189, 170, 184



245, 237, 243



175, 170, 189



122, 118, 121



250, 250, 250



122, 122, 122

Same Dimension

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



189, 170, 184



245, 215, 237



189, 170, 175



94, 85, 92



158, 0, 116



31, 0, 23

Inverse Universe

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



189, 170, 184



245, 215, 237



170, 181, 189



94, 85, 92



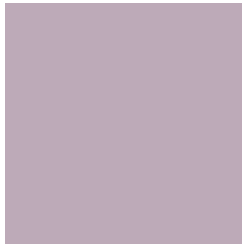
158, 0, 116



31, 0, 23

Previews

White Background



This preview shows how the RYB color 189, 170, 184 looks on a white background.

Color Contrast Check

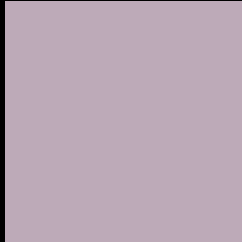
Large Text (above 18pt) WCAG AA × Fail

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 189, 170, 184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

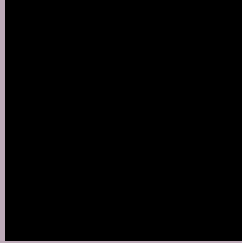
Any Text WCAG AA ✓ Pass

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](#).

R Y B 189, 170, 184 Background



This preview shows how black text looks on a background with the RYB color 189, 170, 184.



This preview shows how white text looks on a background with the RYB color 189, 170, 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
189, 170, 184

Protanopia
175, 174, 187

Deuteranopia
189, 170, 184



Tritanopia
189, 170, 183

Trichromacy



Original Color

189, 170, 184

Protanomaly

180, 173, 186

Deuteranomaly

189, 170, 184

Tritanomaly

189, 170, 183

Monochromacy



Original Color

189, 170, 184

Achromatopsia

177, 177, 177

Achromatomaly

181, 174, 180

CSS Examples

Text

The CSS property to change the color of the text to RYB 189, 170, 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(189, 170, 184) looks like.

```
.text, #text, p{  
    color:rgb(189, 170, 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(189, 170, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 170, 184) }
```

Border

The CSS property to change the border of an element to RYB 189, 170, 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(189, 170, 184) }
```

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

```
.border{ border-color:rgb(189, 170, 184) }
```

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, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 170, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 170, 184);  
box-shadow:4px 4px 4px 4px rgb(189, 170,  
184) }
```

Background

The CSS property to change the background color of an element to RYB 189, 170, 184 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, 184) }
```

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

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