

Converting Colors

`RYB(189, 170, 172)`

Have a look what the booklet for
RYB(189, 170, 172) contains.

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Color

R_YB(189, 170, 172)

Conversions

Conversions Part 1

Format	Color
Hex	BDAAAC
RGB	189, 170, 172
RGB Percent	74%, 67%, 67%
CMY	0.2588, 0.3333, 0.3255
CMYK	0.00, 0.10, 0.09, 0.26
HSL	354°, 13%, 70%
HSV	354°, 10%, 74%
XYZ	42.8074, 42.5468, 44.9859
YIQ	175.9090, 10.6820, 4.6500

Conversions

Conversions Part 2

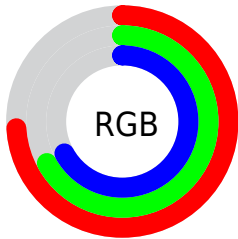
Format	Color
RYB	189, 170, 172
Decimal	12429996
CIELab	71.25, 7.20, 1.46
CIELCh	71, 7.349, 11.499
Yxy	42.5468, 0.3284, 0.3264
Android (android.graphics.Color)	4290620076 (0xFFBDAAAC)
YUV	175.9090, -1.9271, 11.4808
Hunter-Lab	65.2279, 2.9960, 4.7689

Details

The RYB color **189, 170, 172** is a light color, and the websafe version is hex **999999**. A complement of this color would be **170, 180, 189**, and the grayscale version is **176, 176, 176**.

A 20% lighter version of the original color is **245, 225, 227**, and **136, 118, 120** is the 20% darker color. If you saturate the color by 10%, you get **189, 151, 155**, and if you desaturate by 10%, it is **189, 189, 189**.

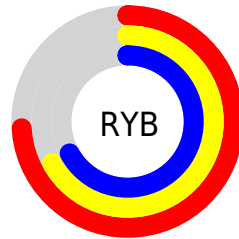
Distribution



Red (74%)

Green (67%)

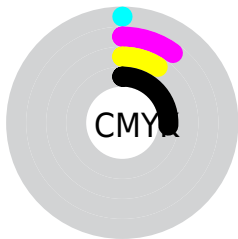
Blue (67%)



Red (74%)

Yellow (67%)

Blue (67%)

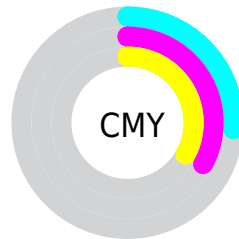


Cyan (0%)

Magenta (10%)

Yellow (9%)

Black (26%)



Cyan (26%)

Magenta (33%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 189, 170, 172 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, 172 by changing the saturation by 10% instead.

 189, 170, 172

255, 255, 255

 245, 225, 227

255, 254, 255

 189, 170, 172


 162, 144, 145

 136, 118, 120

 110, 93, 95

 86, 70, 71

 62, 47, 49

 40, 26, 28

 21, 0, 1


 0, 0, 0

 189, 170, 172


 189, 170, 172

 189, 151, 155

 189, 189, 189

 189, 132, 138

 189, 199, 208

 189, 113, 121

 189, 209, 227

 189, 94, 104

 189, 219, 246

 189, 75, 87

 189, 222, 255

 189, 57, 71

 189, 38, 54

 189, 19, 37

 189, 0, 20

Harmonies

Analogous

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



186, 170, 179



189, 170, 172



188, 172, 166

Triad

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



189, 170, 172



164, 177, 171



163, 171, 187

Complementary

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



189, 170, 172



170, 180, 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.



159, 170, 183



189, 170, 172



163, 173, 178

Square

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



189, 170, 172



163, 177, 161



159, 170, 179



171, 174, 187

Rectangle

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



189, 170, 172



186, 178, 163



159, 170, 179



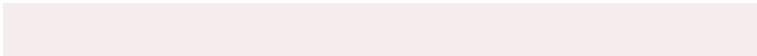
161, 171, 186

Sweetspot

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



189, 170, 172



245, 237, 238



187, 170, 189



122, 118, 118



250, 250, 250



122, 122, 122

Same Dimension

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



189, 170, 172



245, 215, 219



189, 181, 170



94, 85, 86



158, 0, 17



31, 0, 3

Inverse Universe

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



189, 170, 172



245, 215, 219



170, 177, 189



94, 85, 86



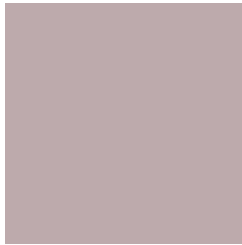
158, 0, 17



31, 0, 3

Previews

White Background



This preview shows how the RYB color 189, 170, 172 looks on a white background.

Color Contrast Check

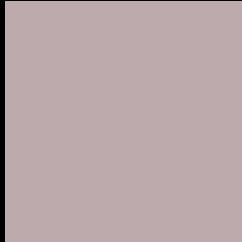
Large Text (above 18pt) WCAG AA × Fail

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, 172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

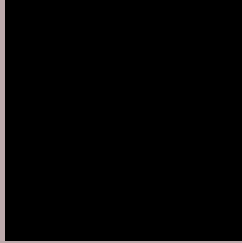
Any Text WCAG AA ✓ Pass

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, 172 Background



This preview shows how black text looks on a background with the RYB color 189, 170, 172.



This preview shows how white text looks on a background with the RYB color 189, 170, 172.

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, 172

Protanopia
178, 174, 174

Deuteranopia
192, 169, 172



Tritanopia
190, 168, 182

Trichromacy



Original Color
189, 170, 172

Protanomaly
182, 173, 173

Deuteranomaly
191, 169, 172

Tritanomaly
190, 169, 178

Monochromacy



Original Color
189, 170, 172

Achromatopsia
176, 176, 176

Achromatomaly
181, 174, 175

CSS Examples

Text

The CSS property to change the color of the text to RYB 189, 170, 172 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, 172) looks like.

```
.text, #text, p{  
    color:rgb(189, 170, 172)  
}
```

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, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 170, 172) }
```

Border

The CSS property to change the border of an element to RYB 189, 170, 172 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, 172) }
```

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

```
.border{ border-color:rgb(189, 170, 172) }
```

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, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 170, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 170, 172);  
box-shadow:4px 4px 4px 4px rgb(189, 170,  
172) }
```

Background

The CSS property to change the background color of an element to RGB 189, 170, 172 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, 172) }
```

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

```
.background{ background-color: rgb(189,  
170, 172) }
```

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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