

Converting Colors

`RYB(191, 170, 172)`

Have a look what the booklet for
RYB(191, 170, 172) contains.

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Color

R_YB(191, 170, 172)

Conversions

Conversions Part 1

Format	Color
Hex	BFAAAC
RGB	191, 170, 172
RGB Percent	75%, 67%, 67%
CMY	0.2510, 0.3333, 0.3255
CMYK	0.00, 0.11, 0.10, 0.25
HSL	354°, 14%, 71%
HSV	354°, 11%, 75%
XYZ	43.3070, 42.8044, 45.0093
YIQ	176.5070, 11.8740, 5.0740

Conversions

Conversions Part 2

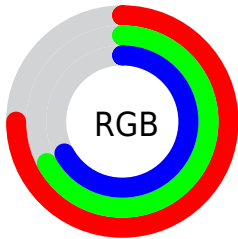
Format	Color
RYB	191, 170, 172
Decimal	12561068
CIELab	71.42, 7.93, 1.74
CIELCh	71, 8.118, 12.391
Yxy	42.8044, 0.3303, 0.3265
Android (android.graphics.Color)	4290751148 (0xFFBFAAAC)
YUV	176.5070, -2.2220, 12.7104
Hunter-Lab	65.4251, 3.6611, 5.0089

Details

The RYB color **191, 170, 172** is a light color, and the websafe version is hex **999999**. A complement of this color would be **170, 181, 191**, and the grayscale version is **177, 177, 177**.

A 20% lighter version of the original color is **247, 225, 227**, and **137, 118, 120** is the 20% darker color. If you saturate the color by 10%, you get **191, 151, 155**, and if you desaturate by 10%, it is **191, 189, 189**.

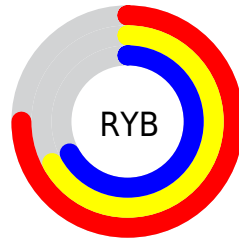
Distribution



Red (75%)

Green (67%)

Blue (67%)



Red (75%)

Yellow (67%)

Blue (67%)

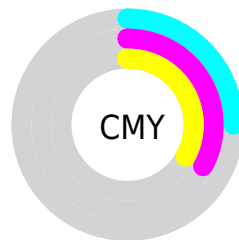


Cyan (0%)

Magenta (11%)

Yellow (10%)

Black (25%)



Cyan (25%)

Magenta (33%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 191, 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 191, 170, 172 by changing the saturation by 10% instead.


 191, 170, 172


255, 255, 255

 247, 225, 227

255, 254, 255

 191, 170, 172

 164, 144, 145

 137, 118, 120

 112, 93, 95

 87, 70, 71

 64, 47, 49


 42, 26, 28


 23, 0, 1


 0, 0, 0

 191, 170, 172


 191, 170, 172

 191, 151, 155


 191, 189, 189

 191, 132, 137

 191, 200, 208

 191, 113, 120

 191, 210, 227


 191, 94, 103


 191, 220, 246

 191, 74, 86

 191, 223, 255

 191, 55, 68

 191, 36, 51

 191, 17, 34

 191, 0, 18

Harmonies

Analogous

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



187, 170, 180



191, 170, 172



190, 173, 165

Triad

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



191, 170, 172



164, 178, 173



163, 172, 189

Complementary

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



191, 170, 172



170, 181, 191

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.



158, 170, 185



191, 170, 172



162, 174, 179

Square

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



191, 170, 172



164, 178, 160



157, 168, 179



171, 174, 189

Rectangle

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



191, 170, 172



187, 179, 162



157, 168, 179



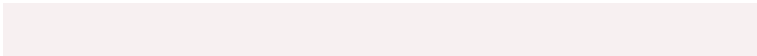
161, 171, 188

Sweetspot

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



191, 170, 172



247, 240, 241



189, 170, 191



125, 120, 120



252, 252, 252



125, 125, 125

Same Dimension

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



191, 170, 172



247, 215, 218



191, 183, 170



94, 85, 86



158, 0, 15



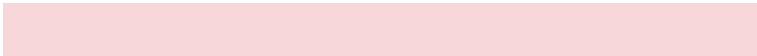
31, 0, 3

Inverse Universe

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



191, 170, 172



247, 215, 218



170, 178, 191



94, 85, 86



158, 0, 15



31, 0, 3

Previews

White Background



This preview shows how the RYB color 191, 170, 172 looks on a white background.

Color Contrast Check

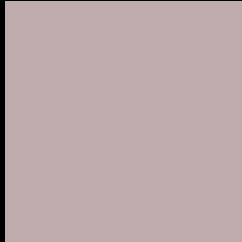
Large Text (above 18pt) WCAG AA × Fail

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 191, 170, 172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

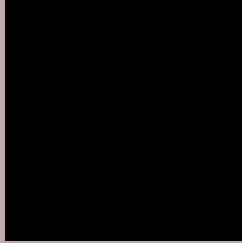
Any Text WCAG AA ✓ Pass

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 191, 170, 172 Background



This preview shows how black text looks on a background with the RYB color 191, 170, 172.



This preview shows how white text looks on a background with the RYB color 191, 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
191, 170, 172

Protanopia
178, 174, 174

Deuteranopia
193, 169, 172



Tritanopia
192, 168, 182

Trichromacy



Original Color

191, 170, 172

Protanomaly

183, 173, 173

Deuteranomaly

192, 169, 172

Tritanomaly

192, 169, 178

Monochromacy



Original Color

191, 170, 172

Achromatopsia

177, 177, 177

Achromatomaly

182, 174, 175

CSS Examples

Text

The CSS property to change the color of the text to RYB 191, 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(191, 170, 172)` looks like.

```
.text, #text, p{  
    color:rgb(191, 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(191, 170, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 170, 172) }
```

Border

The CSS property to change the border of an element to RYB 191, 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(191, 170, 172) }
```

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

```
.border{ border-color:rgb(191, 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(191, 170, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 170, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 170, 172);  
box-shadow:4px 4px 4px 4px rgb(191, 170,  
172) }
```

Background

The CSS property to change the background color of an element to RGB 191, 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(191, 170, 172) }
```

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

```
.background{ background-color: rgb(191,  
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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