

Converting Colors

`RYB(185, 170, 170)`

Have a look what the booklet for
RYB(185, 170, 170) contains.

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Color

R_YB(185, 170, 170)

Conversions

Conversions Part 1

Format	Color
Hex	B9AAAA
RGB	185, 170, 170
RGB Percent	73%, 67%, 67%
CMY	0.2745, 0.3333, 0.3333
CMYK	0.00, 0.08, 0.08, 0.27
HSL	0°, 10%, 70%
HSV	0°, 8%, 73%
XYZ	41.6380, 41.9660, 43.9359
YIQ	174.4850, 8.9400, 3.1800

Conversions

Conversions Part 2

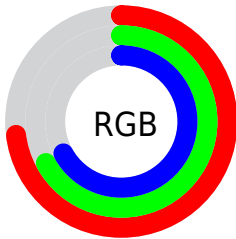
Format	Color
RYB	185, 170, 170
Decimal	12167850
CIELab	70.85, 5.40, 1.95
CIElCh	71, 5.738, 19.819
Yxy	41.9660, 0.3265, 0.3290
Android (android.graphics.Color)	4290357930 (0xFFB9AAAA)
YUV	174.4850, -2.2111, 9.2217
Hunter-Lab	64.7812, 1.3635, 5.1352

Details

The RYB color **185, 170, 170** is a light color, and the websafe version is hex **999999**. A complement of this color would be **170, 178, 185**, and the grayscale version is **175, 175, 175**.

A 20% lighter version of the original color is **241, 225, 225**, and **132, 118, 118** is the 20% darker color. If you saturate the color by 10%, you get **185, 152, 152**, and if you desaturate by 10%, it is **185, 187, 189**.

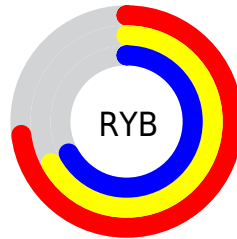
Distribution



Red (73%)

Green (67%)

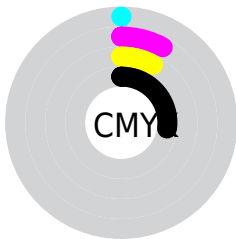
Blue (67%)



Red (73%)

Yellow (67%)

Blue (67%)

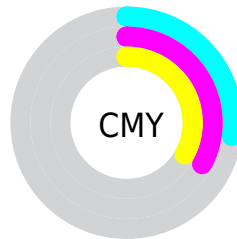


Cyan (0%)

Magenta (8%)

Yellow (8%)

Black (27%)



Cyan (27%)

Magenta (33%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 185, 170, 170 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 185, 170, 170 by changing the saturation by 10% instead.


 185, 170, 170

 185, 170, 170

255, 255, 255

 158, 144, 144

 241, 225, 225

 132, 118, 118

255, 254, 254

 107, 93, 93

 82, 70, 70

 59, 47, 47

 37, 27, 27

 17, 0, 0

 0, 0, 0

 185, 170, 170

 185, 170, 170

 185, 152, 152

 185, 187, 189

 185, 133, 133

 185, 196, 207

 185, 114, 114

 185, 206, 226

 185, 96, 96

 185, 215, 244

 185, 77, 77

 185, 220, 255

 185, 59, 59

 185, 41, 41

 185, 22, 22

 185, 3, 3

Harmonies

Analogous

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



183, 170, 175



185, 170, 170



184, 173, 166

Triad

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



185, 170, 170



167, 176, 175



166, 171, 183

Complementary

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



185, 170, 170



170, 178, 185

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.



162, 170, 181



185, 170, 170



163, 171, 176

Square

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



185, 170, 170



164, 174, 164



161, 169, 177



172, 173, 183

Rectangle

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



185, 170, 170



181, 179, 164



161, 169, 177



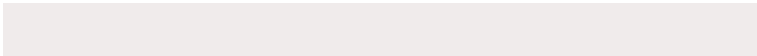
165, 171, 183

Sweetspot

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



185, 170, 170



240, 235, 235



185, 170, 185



120, 117, 117



247, 247, 247



120, 120, 120

Same Dimension

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



185, 170, 170



240, 216, 216



183, 185, 170



92, 83, 83



156, 0, 0



28, 0, 0

Inverse Universe

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



170, 178, 185



216, 228, 240



170, 175, 185



83, 88, 92



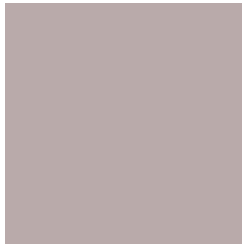
0, 78, 156



0, 14, 28

Previews

White Background



This preview shows how the RYB color 185, 170, 170 looks on a white background.

Color Contrast Check

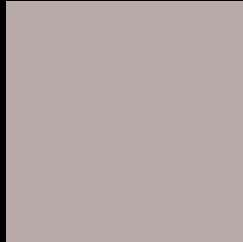
Large Text (above 18pt) WCAG AA × Fail

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 185, 170, 170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

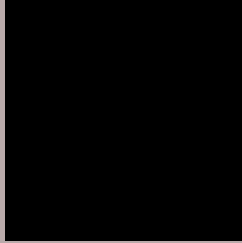
Any Text WCAG AA ✓ Pass

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 185, 170, 170 Background



This preview shows how black text looks on a background with the RYB color 185, 170, 170.



This preview shows how white text looks on a background with the RYB color 185, 170, 170.

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
185, 170, 170

Protanopia
177, 174, 171

Deuteranopia
191, 168, 170



Tritanopia
187, 168, 181

Trichromacy



Original Color
185, 170, 170

Protanomaly
180, 172, 171

Deuteranomaly
189, 169, 170

Tritanomaly
186, 169, 177

Monochromacy



Original Color
185, 170, 170

Achromatopsia
174, 174, 174

Achromatomaly
178, 173, 173

CSS Examples

Text

The CSS property to change the color of the text to RYB 185, 170, 170 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(185, 170, 170)` looks like.

```
.text, #text, p{  
    color:rgb(185, 170, 170)  
}
```

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(185, 170, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 170, 170) }
```

Border

The CSS property to change the border of an element to RYB 185, 170, 170 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(185, 170, 170) }
```

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

```
.border{ border-color:rgb(185, 170, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 170, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 170, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 170, 170);  
box-shadow:4px 4px 4px 4px rgb(185, 170,  
170) }
```

Background

The CSS property to change the background color of an element to RGB 185, 170, 170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 170, 170) }
```

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

```
.background{ background-color: rgb(185,  
170, 170) }
```

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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