

Converting Colors

`RYB(180, 177, 170)`

Have a look what the booklet for
RYB(180, 177, 170) contains.

RYB(180, 177, 170)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(180, 177, 170)

Conversions

Conversions Part 1

Format	Color
Hex	B4AEAA
RGB	180, 174, 170
RGB Percent	71%, 68%, 67%
CMY	0.2941, 0.3172, 0.3333
CMYK	0.00, 0.03, 0.06, 0.29
HSL	25°, 6%, 69%
HSV	25°, 6%, 71%
XYZ	41.2369, 42.9232, 44.1418
YIQ	175.3380, 4.8600, 0.0280

Conversions

Conversions Part 2

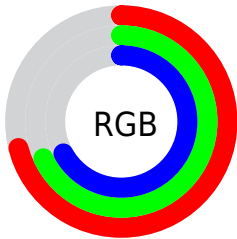
Format	Color
RYB	180, 177, 170
Decimal	11841194
CIELab	71.50, 1.35, 2.84
CIELCh	72, 3.149, 64.610
Yxy	42.9232, 0.3214, 0.3345
Android (android.graphics.Color)	4290031274 (0xFFB4AEAA)
YUV	175.3380, -2.6316, 4.0886
Hunter-Lab	65.5158, -2.3013, 5.9139

Details

The RYB color **180, 177, 170** is a light color, and the websafe version is hex **999999**. A complement of this color would be **170, 174, 180**, and the grayscale version is **175, 175, 175**.

A 20% lighter version of the original color is **236, 231, 225**, and **127, 125, 118** is the 20% darker color. If you saturate the color by 10%, you get **180, 173, 152**, and if you desaturate by 10%, it is **180, 183, 188**.

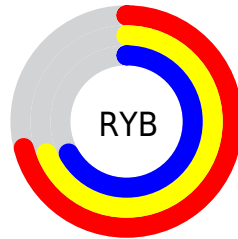
Distribution



Red (71%)

Green (68%)

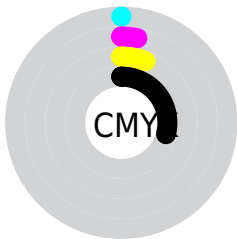
Blue (67%)



Red (71%)

Yellow (69%)

Blue (67%)

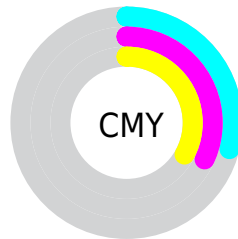


Cyan (0%)

Magenta (3%)

Yellow (6%)

Black (29%)



Cyan (29%)

Magenta (32%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 180, 177, 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 180, 177, 170 by changing the saturation by 10% instead.

■ 180, 177, 170

255, 255, 255

■ 236, 234, 225

254, 255, 254

■ 180, 177, 170

■ 153, 151, 144

■ 127, 125, 118

■ 102, 100, 93

■ 78, 75, 70

■ 55, 55, 47

■ 34, 32, 27

■ 12, 6, 0


■ 0, 0, 0


■ 180, 177, 170


■ 180, 177, 170


 180, 173, 152


 180, 183, 188

 180, 166, 134


 180, 190, 206

 180, 160, 116


 180, 196, 224

 180, 156, 98


 180, 203, 242

 180, 149, 80


 180, 209, 255

 180, 146, 62

 180, 213, 255

 180, 139, 44

 180, 216, 255

 180, 133, 26

 180, 218, 255

 180, 129, 8

Harmonies

Analogous

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



181, 173, 172



180, 177, 170



172, 177, 169

Triad

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



180, 177, 170



169, 174, 177



176, 174, 180

Complementary

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



180, 177, 170



170, 174, 180

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.



173, 175, 181



180, 177, 170



168, 173, 178

Square

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



180, 177, 170



171, 176, 177



170, 174, 180



179, 174, 178

Rectangle

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



180, 177, 170



170, 176, 171



170, 174, 180



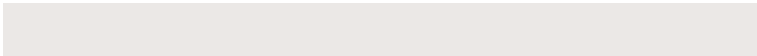
175, 175, 180

Sweetspot

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



180, 177, 170



235, 233, 230



180, 170, 176



117, 117, 115



245, 245, 245



117, 117, 117

Same Dimension

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



180, 177, 170



235, 230, 218



171, 180, 170



89, 87, 82



153, 107, 0



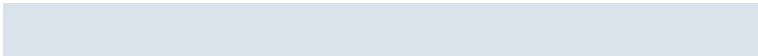
26, 19, 0

Inverse Universe

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



170, 174, 180



218, 224, 235



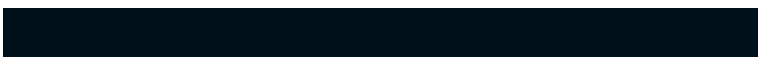
170, 171, 180



82, 85, 89



0, 57, 153



0, 10, 26

Previews

White Background



This preview shows how the RYB color 180, 177, 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 180, 177, 170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

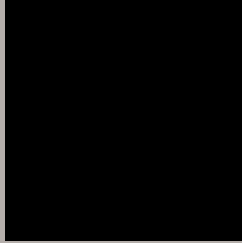
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

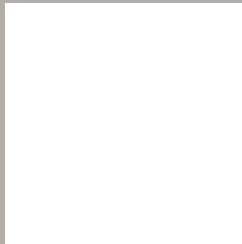
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 180, 177, 170 Background



This preview shows how black text looks on a background with the RYB color 180, 177, 170.



This preview shows how white text looks on a background with the RYB color 180, 177, 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
180, 177, 170

Protanopia
179, 177, 170

Deuteranopia
193, 169, 171



Tritanopia
182, 172, 185

Trichromacy



Original Color

180, 177, 170

Protanomaly

179, 177, 170

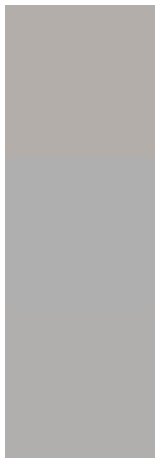
Deuteranomaly

188, 171, 171

Tritanomaly

181, 173, 180

Monochromacy



Original Color

180, 177, 170

Achromatopsia

175, 175, 175

Achromatomaly

177, 177, 173

CSS Examples

Text

The CSS property to change the color of the text to RYB 180, 177, 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(180, 174, 170)` looks like.

```
.text, #text, p{  
    color:rgb(180, 174, 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(180, 174, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 174, 170) }
```

Border

The CSS property to change the border of an element to RYB 180, 177, 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(180, 174, 170) }
```

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

```
.border{ border-color:rgb(180, 174, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 174, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 174, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 174, 170);  
box-shadow:4px 4px 4px 4px rgb(180, 174,  
170) }
```

Background

The CSS property to change the background color of an element to RYB 180, 177, 170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 174, 170) }
```

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

```
.background{ background-color: rgb(180,  
174, 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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