

Converting Colors

`RYB(184, 171, 171)`

Have a look what the booklet for
RYB(184, 171, 171) contains.

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Color

$\text{RYB}(184, 171, 171)$

Conversions

Conversions Part 1

Format	Color
Hex	B8ABAB
RGB	184, 171, 171
RGB Percent	72%, 67%, 67%
CMY	0.2784, 0.3294, 0.3294
CMYK	0.00, 0.07, 0.07, 0.28
HSL	0°, 8%, 70%
HSV	0°, 7%, 72%
XYZ	41.6808, 42.2564, 44.4876
YIQ	174.8870, 7.7480, 2.7560

Conversions

Conversions Part 2

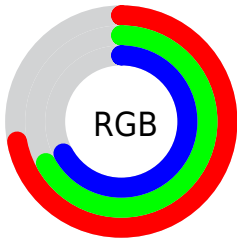
Format	Color
RYB	184, 171, 171
Decimal	12102571
CIELab	71.05, 4.67, 1.67
CIELCh	71, 4.958, 19.735
Yxy	42.2564, 0.3246, 0.3290
Android (android.graphics.Color)	4290292651 (0xFFB8ABAB)
YUV	174.8870, -1.9163, 7.9921
Hunter-Lab	65.0050, 0.6944, 4.9271

Details

The RYB color **184, 171, 171** is a light color, and the websafe version is hex **999999**. A complement of this color would be **171, 178, 184**, and the grayscale version is **175, 175, 175**.

A 20% lighter version of the original color is **240, 226, 226**, and **131, 119, 119** is the 20% darker color. If you saturate the color by 10%, you get **184, 153, 153**, and if you desaturate by 10%, it is **184, 187, 189**.

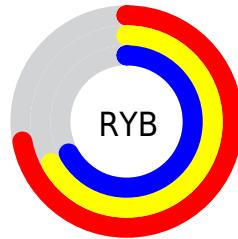
Distribution



Red (72%)

Green (67%)

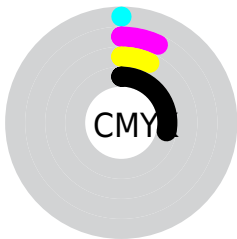
Blue (67%)



Red (72%)

Yellow (67%)

Blue (67%)

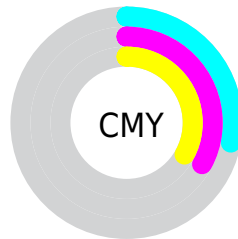


Cyan (0%)

Magenta (7%)

Yellow (7%)

Black (28%)



Cyan (28%)

Magenta (33%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 184, 171, 171 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 184, 171, 171 by changing the saturation by 10% instead.

■ 184, 171, 171

255, 255, 255

■ 240, 226, 226

■ 184, 171, 171

■ 157, 144, 145

■ 131, 119, 119

■ 106, 94, 94

■ 82, 71, 71

■ 58, 48, 48


■ 37, 27, 27

■ 17, 0, 0


■ 0, 0, 0

■ 184, 171, 171


■ 184, 171, 171

 184, 153, 153

 184, 187, 189

 184, 134, 134

 184, 196, 208

 184, 116, 116

 184, 205, 226

 184, 97, 97

 184, 215, 245

 184, 79, 79

 184, 220, 255

 184, 61, 61

 184, 42, 42

 184, 24, 24

 184, 5, 5

Harmonies

Analogous

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



182, 171, 176



184, 171, 171



183, 174, 167

Triad

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



184, 171, 171



168, 176, 175



168, 173, 183

Complementary

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



184, 171, 171



171, 178, 184

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.



164, 171, 181



184, 171, 171



165, 173, 177

Square

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



184, 171, 171



165, 175, 166



163, 170, 177



173, 173, 182

Rectangle

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



184, 171, 171



181, 179, 166



163, 170, 177



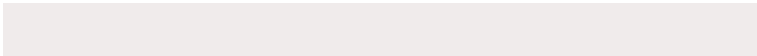
166, 172, 182

Sweetspot

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



184, 171, 171



240, 235, 235



184, 171, 184



120, 117, 117



247, 247, 247



120, 120, 120

Same Dimension

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



184, 171, 171



240, 221, 221



182, 184, 171



92, 83, 83



156, 0, 0



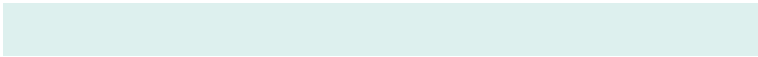
28, 0, 0

Inverse Universe

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



171, 178, 184



221, 231, 240



171, 176, 184



83, 88, 92



0, 78, 156



0, 14, 28

Previews

White Background



This preview shows how the RYB color 184, 171, 171 looks on a white background.

Color Contrast Check

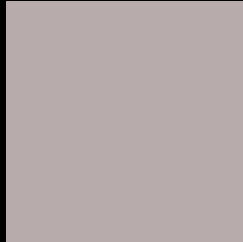
Large Text (above 18pt) WCAG AA × Fail

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 184, 171, 171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

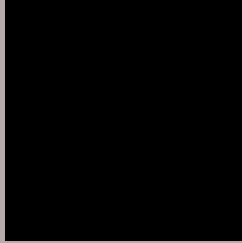
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

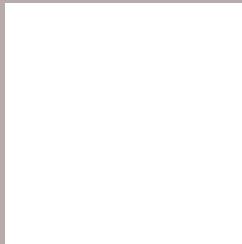
Any Text WCAG AAA ✓ Pass

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

R Y B 184, 171, 171 Background



This preview shows how black text looks on a background with the RYB color 184, 171, 171.



This preview shows how white text looks on a background with the RYB color 184, 171, 171.

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
184, 171, 171

Protanopia
177, 173, 172

Deuteranopia
192, 168, 172



Tritanopia
186, 169, 183

Trichromacy



Original Color

184, 171, 171

Protanomaly

180, 172, 172

Deuteranomaly

189, 169, 172

Tritanomaly

185, 170, 179

Monochromacy



Original Color

184, 171, 171

Achromatopsia

175, 175, 175

Achromatomaly

178, 174, 174

CSS Examples

Text

The CSS property to change the color of the text to RYB 184, 171, 171 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(184, 171, 171)` looks like.

```
.text, #text, p{  
    color:rgb(184, 171, 171)  
}
```

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(184, 171, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 171, 171) }
```

Border

The CSS property to change the border of an element to RYB 184, 171, 171 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(184, 171, 171) }
```

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

```
.border{ border-color:rgb(184, 171, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 171, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 171, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 171, 171);  
box-shadow:4px 4px 4px 4px rgb(184, 171,  
171) }
```

Background

The CSS property to change the background color of an element to RYB 184, 171, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 171, 171) }
```

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

```
.background{ background-color: rgb(184,  
171, 171) }
```

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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