

Converting Colors

RGB(172, 171, 170)

Have a look what the booklet for
RGB(172, 171, 170) contains.

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Color

RGB(172, 171, 170)

Conversions

Conversions Part 1

Format	Color
Hex	ACABAA
RGB	172, 171, 170
RGB Percent	67%, 67%, 67%
CMY	0.3255, 0.3294, 0.3333
CMYK	0.00, 0.01, 0.01, 0.33
HSL	30°, 1%, 67%
HSV	30°, 1%, 67%
XYZ	38.8319, 40.7988, 43.8585
YIQ	171.1850, 0.9170, -0.0990

Conversions

Conversions Part 2

Format	Color
RYB	172, 172, 170
Decimal	11316138
CIELab	70.03, 0.17, 0.63
CIELCh	70, 0.654, 74.780
Yxy	40.7988, 0.3145, 0.3304
Android (android.graphics.Color)	4289506218 (0xFFACABAA)
YUV	171.1850, -0.5842, 0.7148
Hunter-Lab	63.8739, -3.2610, 4.0007

Details

The RGB color **172, 171, 170** is a light color, and the websafe version is hex **999999**. A complement of this color would be **170, 171, 172**, and the grayscale version is **171, 171, 171**.

A 20% lighter version of the original color is **227, 226, 225**, and **120, 119, 118** is the 20% darker color. If you saturate the color by 10%, you get **172, 162, 153**, and if you desaturate by 10%, it is **172, 180, 187**.

Distribution



Red (67%)

Green (67%)

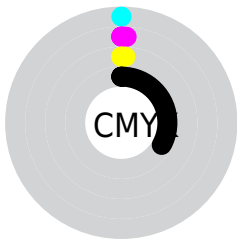
Blue (67%)



Red (67%)

Yellow (67%)

Blue (67%)



Cyan (0%)

Magenta (1%)

Yellow (1%)

Black (33%)



Cyan (33%)

Magenta (33%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 172, 171, 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 RGB color 172, 171, 170 by changing the saturation by 10% instead.

■ 172, 171, 170

255, 255, 255

■ 227, 226, 225

255, 255, 254

■ 172, 171, 170

■ 145, 145, 144

■ 120, 119, 118

■ 95, 94, 93

■ 71, 71, 70

■ 49, 48, 47

■ 28, 27, 27

■ 1, 0, 0


■ 0, 0, 0


■ 172, 171, 170


■ 172, 171, 170

 172, 162, 153


 172, 180, 187

 172, 154, 136


 172, 188, 204

 172, 145, 118


 172, 197, 222

 172, 137, 101

 172, 205, 239

 172, 128, 84


 172, 214, 255

 172, 119, 67

 172, 223, 255

 172, 111, 50

 172, 231, 255

 172, 102, 32

 172, 240, 255

 172, 94, 15

 172, 248, 255

Harmonies

Analogous

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



172, 171, 170



172, 171, 170



171, 171, 170

Triad

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



172, 171, 170



170, 172, 171



172, 171, 172

Complementary

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



172, 171, 170



170, 171, 172

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.



171, 171, 172



172, 171, 170



170, 171, 172

Square

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



172, 171, 170



170, 171, 171



170, 171, 172



172, 171, 171

Rectangle

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



172, 171, 170



171, 171, 170



170, 171, 172



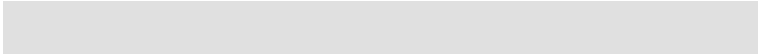
171, 171, 172

Sweetspot

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



172, 171, 170



224, 224, 224



172, 170, 171



112, 112, 112



240, 240, 240

Same Dimension

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



172, 171, 170



224, 223, 222



172, 172, 170



87, 86, 86



150, 75, 0



23, 11, 0

Inverse Universe

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



170, 171, 172



222, 223, 224



170, 170, 172



86, 86, 87



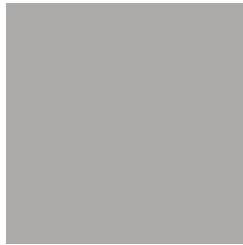
0, 75, 150



0, 11, 23

Previews

White Background



This preview shows how the RGB color 172, 171, 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 RGB color 172, 171, 170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

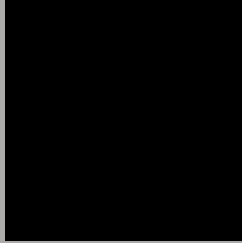
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

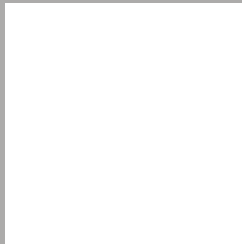
Any Text WCAG AAA ✓ Pass

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

RGB 172, 171, 170 Background



This preview shows how black text looks on a background with the RGB color 172, 171, 170.

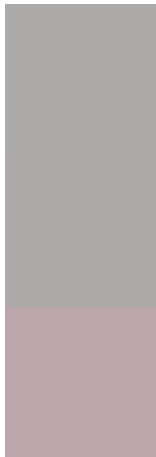


This preview shows how white text looks on a background with the RGB color 172, 171, 170.

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
172, 171, 170

Protanopia
174, 170, 170

Deuteranopia
187, 166, 171



Tritanopia
174, 169, 182

Trichromacy



Original Color

172, 171, 170

Protanomaly

173, 170, 170

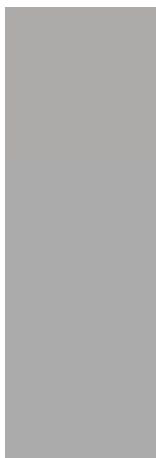
Deuteranomaly

182, 168, 171

Tritanomaly

173, 170, 178

Monochromacy



Original Color

172, 171, 170

Achromatopsia

171, 171, 171

Achromatomaly

171, 171, 171

CSS Examples

Text

The CSS property to change the color of the text to RGB 172, 171, 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(172, 171, 170)` looks like.

```
.text, #text, p{  
    color:rgb(172, 171, 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(172, 171, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 171, 170) }
```

Border

The CSS property to change the border of an element to RGB 172, 171, 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(172, 171, 170) }
```

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

```
.border{ border-color:rgb(172, 171, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 171, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 171, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 171, 170);  
box-shadow:4px 4px 4px 4px rgb(172, 171,  
170) }
```

Background

The CSS property to change the background color of an element to RGB 172, 171, 170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 171, 170) }
```

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

```
.background{ background-color: rgb(172,  
171, 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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