

Converting Colors

`RYB(178, 176, 169)`

Have a look what the booklet for
RYB(178, 176, 169) contains.

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Color

R_YB(178, 176, 169)

Conversions

Conversions Part 1

Format	Color
Hex	B2ADA9
RGB	178, 173, 169
RGB Percent	70%, 68%, 66%
CMY	0.3020, 0.3218, 0.3373
CMYK	0.00, 0.03, 0.05, 0.30
HSL	26°, 6%, 68%
HSV	26°, 5%, 70%
XYZ	40.4531, 42.1927, 43.5480
YIQ	174.0390, 4.2640, -0.1840

Conversions

Conversions Part 2

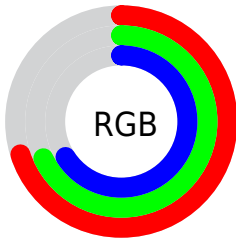
Format	Color
RYB	178, 176, 169
Decimal	11709865
CIELab	71.00, 1.09, 2.65
CIELCh	71, 2.866, 67.676
Yxy	42.1927, 0.3206, 0.3343
Android (android.graphics.Color)	4289899945 (0xFFB2ADA9)
YUV	174.0390, -2.4842, 3.4738
Hunter-Lab	64.9559, -2.5070, 5.7197

Details

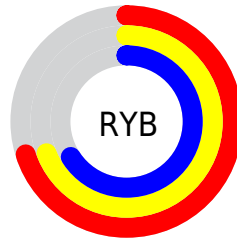
The RYB color **178, 176, 169** is a light color, and the websafe version is hex **999999**. A complement of this color would be **169, 172, 178**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **234, 231, 224**, and **125, 125, 117** is the 20% darker color. If you saturate the color by 10%, you get **178, 173, 151**, and if you desaturate by 10%, it is **178, 181, 187**.

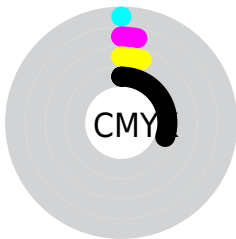
Distribution



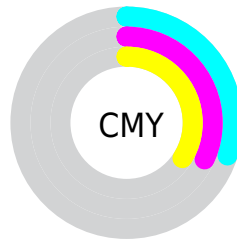
- Red (70%)
- Green (68%)
- Blue (66%)



- Red (70%)
- Yellow (69%)
- Blue (66%)



- Cyan (0%)
- Magenta (3%)
- Yellow (5%)
- Black (30%)



- Cyan (30%)
- Magenta (32%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RYB color 178, 176, 169 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 178, 176, 169 by changing the saturation by 10% instead.


 178, 176, 169

255, 255, 255

 234, 231, 224

253, 255, 253

 178, 176, 169

 151, 148, 143

 125, 125, 117

 100, 100, 92


 77, 74, 69


 54, 52, 47

 32, 32, 26

 8, 5, 0


 0, 0, 0


 178, 176, 169

 178, 176, 169


 178, 173, 151

 178, 181, 187

 178, 169, 133


 178, 188, 205

 178, 164, 116


 178, 194, 222

 178, 160, 98


 178, 200, 240

 178, 157, 80


 178, 206, 255

 178, 153, 62

 178, 210, 255

 178, 149, 44

 178, 213, 255

 178, 144, 27

 178, 216, 255

 178, 141, 9

 178, 217, 255

Harmonies

Analogous

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



179, 172, 171



178, 176, 169



170, 175, 169

Triad

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



178, 176, 169



168, 172, 175



175, 173, 178

Complementary

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



178, 176, 169



169, 172, 178

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.



172, 174, 179



178, 176, 169



168, 172, 177

Square

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



178, 176, 169



170, 174, 175



169, 173, 178



178, 172, 176

Rectangle

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



178, 176, 169



169, 174, 170



169, 173, 178



174, 173, 178

Sweetspot

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



178, 176, 169



232, 230, 227



178, 169, 174



117, 117, 115



245, 245, 245



117, 117, 117

Same Dimension

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



178, 176, 169



232, 229, 218



170, 178, 169



89, 89, 83



153, 119, 0



26, 19, 0

Inverse Universe

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



169, 172, 178



218, 223, 232



169, 170, 178



83, 85, 89



0, 55, 153



0, 9, 26

Previews

White Background



This preview shows how the RYB color 178, 176, 169 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 178, 176, 169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

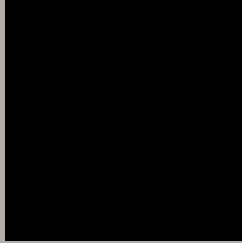
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

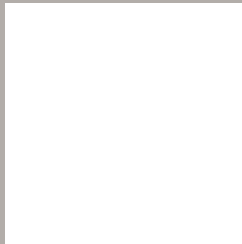
Any Text WCAG AAA ✓ Pass

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

R Y B 178, 176, 169 Background



This preview shows how black text looks on a background with the R Y B color 178, 176, 169.



This preview shows how white text looks on a background with the R Y B color 178, 176, 169.

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
178, 176, 169

Protanopia
178, 176, 169

Deuteranopia
192, 168, 170



Tritanopia
180, 171, 184

Trichromacy



Original Color

178, 176, 169

Protanomaly

178, 176, 169

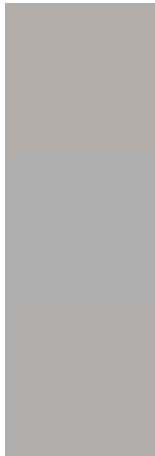
Deuteranomaly

187, 170, 170

Tritanomaly

179, 172, 179

Monochromacy



Original Color

178, 176, 169

Achromatopsia

174, 174, 174

Achromatomaly

174, 175, 172

CSS Examples

Text

The CSS property to change the color of the text to RGB 178, 176, 169 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(178, 173, 169) looks like.

```
.text, #text, p{  
    color:rgb(178, 173, 169)  
}
```

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(178, 173, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 173, 169) }
```

Border

The CSS property to change the border of an element to RYB 178, 176, 169 is called "border". The border property can be set on classes, ids or directly on the HTML element.

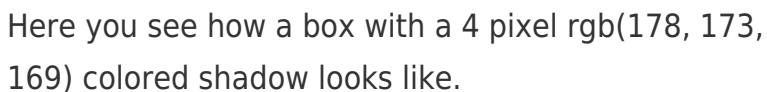
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(178, 173, 169) }
```

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

```
.border{ border-color:rgb(178, 173, 169) }
```

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



Here you see how a box with a 4 pixel `rgb(178, 173, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(178, 173, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(178, 173, 169); box-shadow:4px 4px 4px 4px rgb(178, 173, 169) }
```

Background

The CSS property to change the background color of an element to RYB 178, 176, 169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 173, 169) }
```

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

```
.background{ background-color: rgb(178,  
173, 169) }
```

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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