

Converting Colors

`RYB(174, 176, 109)`

Have a look what the booklet for
RYB(174, 176, 109) contains.

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Color

R_YB(174, 176, 109)

Conversions

Conversions Part 1

Format	Color
Hex	B08F6D
RGB	176, 143, 109
RGB Percent	69%, 56%, 43%
CMY	0.3098, 0.4392, 0.5725
CMYK	0.00, 0.19, 0.38, 0.31
HSL	30°, 30%, 56%
HSV	30°, 38%, 69%
XYZ	30.4884, 29.9814, 18.6481
YIQ	148.9910, 30.5820, -3.5780

Conversions

Conversions Part 2

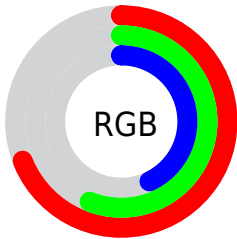
Format	Color
RYB	174, 176, 109
Decimal	11571053
CIELab	61.64, 7.62, 22.79
CIELCh	62, 24.032, 71.507
Yxy	29.9814, 0.3854, 0.3789
Android (android.graphics.Color)	4289761133 (0xFFB08F6D)
YUV	148.9910, -19.7156, 23.6869
Hunter-Lab	54.7553, 3.5692, 18.1362

Details

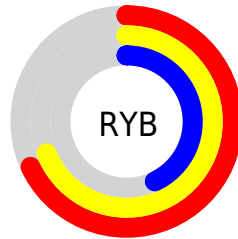
The RYB color **174, 176, 109** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **109, 131, 176**, and the grayscale version is **149, 149, 149**.

A 20% lighter version of the original color is **233, 233, 161**, and **116, 122, 61** is the 20% darker color. If you saturate the color by 10%, you get **174, 176, 91**, and if you desaturate by 10%, it is **174, 176, 127**.

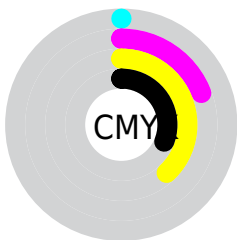
Distribution



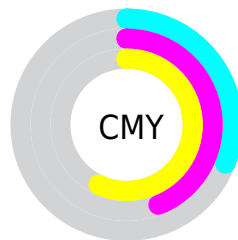
- Red (69%)
- Green (56%)
- Blue (43%)



- Red (68%)
- Yellow (69%)
- Blue (43%)



- Cyan (0%)
- Magenta (19%)
- Yellow (38%)
- Black (31%)



- Cyan (31%)
- Magenta (44%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the RYB color 174, 176, 109 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 174, 176, 109 by changing the saturation by 10% instead.

 174, 176, 109


255, 255, 255

 233, 233, 161

 242, 255, 188

 218, 255, 216

 244, 255, 244

 174, 176, 109

 147, 149, 84

 116, 122, 61

 90, 96, 39

 62, 71, 18


 41, 48, 0

 23, 0, 0


 0, 0, 0

 174, 176, 109

 174, 176, 91


 174, 176, 109


 174, 176, 127

 172, 176, 74


 176, 176, 144

 172, 176, 56

 176, 176, 162

 174, 176, 39

 176, 177, 179

 170, 176, 21

 176, 183, 197

 170, 176, 3

 176, 189, 215

 172, 176, 0

 176, 195, 232

 176, 200, 250

 176, 205, 255

Harmonies

Analogous

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



189, 141, 122



174, 176, 109



114, 156, 107

Triad

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



174, 176, 109



89, 126, 161



162, 141, 181

Complementary

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



174, 176, 109



109, 131, 176

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.



134, 145, 190



174, 176, 109



86, 126, 176

Square

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



174, 176, 109



108, 142, 160



105, 136, 189



183, 135, 163

Rectangle

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



174, 176, 109



112, 154, 126



105, 136, 189



154, 143, 185

Sweetspot

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



174, 176, 109



230, 230, 204



176, 109, 143



115, 113, 100



242, 242, 242



115, 115, 115

Same Dimension

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



174, 176, 109



226, 230, 124



109, 176, 109



87, 89, 80



147, 153, 0



26, 26, 0

Inverse Universe

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



109, 131, 176



124, 159, 230



109, 109, 176



80, 83, 89



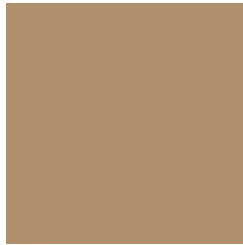
0, 50, 153



0, 9, 26

Previews

White Background



This preview shows how the RYB color 174, 176, 109 looks on a white background.

Color Contrast Check

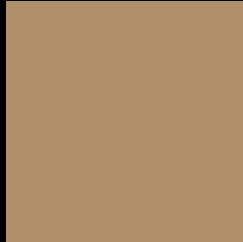
Large Text (above 18pt) WCAG AA ✓ Pass

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 174, 176, 109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

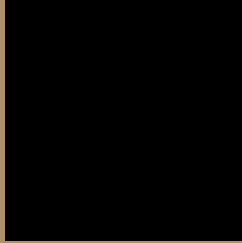
Any Text WCAG AA ✓ Pass

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 174, 176, 109 Background



This preview shows how black text looks on a background with the RYB color 174, 176, 109.



This preview shows how white text looks on a background with the RYB color 174, 176, 109.

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


174, 176, 109

Protanopia

126, 160, 112

Deuteranopia

174, 176, 109



Tritanopia

180, 138, 148

Trichromacy



Original Color

174, 176, 109

Protanomaly

140, 166, 111

Deuteranomaly

174, 176, 109

Tritanomaly

179, 141, 134

Monochromacy



Original Color

174, 176, 109

Achromatopsia

149, 149, 149

Achromatomaly

157, 159, 134

CSS Examples

Text

The CSS property to change the color of the text to RYB 174, 176, 109 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(176, 143, 109)` looks like.

```
.text, #text, p{  
    color:rgb(176, 143, 109)  
}
```

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(176, 143, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 143, 109) }
```

Border

The CSS property to change the border of an element to RYB 174, 176, 109 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(176, 143, 109) }
```

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

```
.border{ border-color:rgb(176, 143, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 143, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 143, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 143, 109);  
box-shadow:4px 4px 4px 4px rgb(176, 143,  
109) }
```

Background

The CSS property to change the background color of an element to RYB 174, 176, 109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 143, 109) }
```

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

```
.background{ background-color: rgb(176,  
143, 109) }
```

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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