

Converting Colors

`RYB(176, 109, 104)`

Have a look what the booklet for
RYB(176, 109, 104) contains.

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Color

R_YB(176, 109, 104)

Conversions

Conversions Part 1

Format	Color
Hex	B06D68
RGB	176, 109, 104
RGB Percent	69%, 43%, 41%
CMY	0.3098, 0.5738, 0.5922
CMYK	0.00, 0.38, 0.41, 0.31
HSL	4°, 31%, 55%
HSV	4°, 41%, 69%
XYZ	25.8373, 21.0977, 15.8072
YIQ	128.4630, 41.5370, 12.6490

Conversions

Conversions Part 2

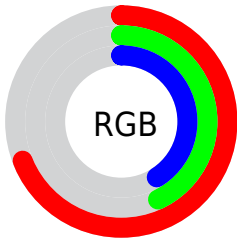
Format	Color
R _Y B	176, 109, 104
Decimal	11562344
CIE Lab	53.06, 26.24, 13.95
CIE LCh	53, 29.717, 27.994
Yxy	21.0977, 0.4118, 0.3363
Android (android.graphics.Color)	4289752424 (0xFFB06D68)
YUV	128.4630, -12.0603, 41.6899
Hunter-Lab	45.9322, 20.0262, 11.7484

Details

The RYB color **176, 109, 104** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **104, 139, 176**, and the grayscale version is **128, 128, 128**.

A 20% lighter version of the original color is **234, 161, 155**, and **121, 60, 57** is the 20% darker color. If you saturate the color by 10%, you get **176, 92, 86**, and if you desaturate by 10%, it is **176, 125, 122**.

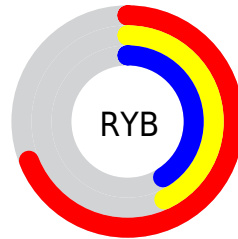
Distribution



Red (69%)

Green (43%)

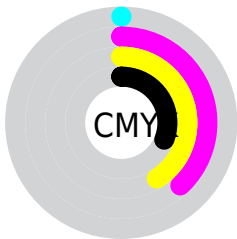
Blue (41%)



Red (69%)

Yellow (43%)

Blue (41%)

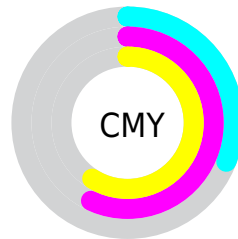


Cyan (0%)

Magenta (38%)

Yellow (41%)

Black (31%)



Cyan (31%)

Magenta (57%)

Yellow (59%)


Brightness & Saturation Gradients

These gradients show how the RYB color 176, 109, 104 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 176, 109, 104 by changing the saturation by 10% instead.

 176, 109, 104


255, 255, 255

 234, 161, 155


 255, 189, 182


 255, 217, 210


 255, 250, 238

 176, 109, 104

 148, 84, 80

 121, 60, 57

 94, 37, 36

 68, 13, 15

 45, 0, 0

 0, 0, 0

 176, 109, 104

 176, 92, 86

 176, 76, 69

 176, 109, 104

 176, 125, 122

 176, 142, 139

■ 176, 60, 51

■ 176, 158, 157

■ 176, 44, 34

■ 176, 176, 174

■ 176, 27, 16

■ 176, 184, 192

■ 176, 12, 0

■ 176, 192, 210

■ 176, 201, 227

■ 176, 209, 245

■ 176, 216, 255

Harmonies

Analogous

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



174, 107, 129



176, 109, 104



165, 137, 84

Triad

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



176, 109, 104



89, 130, 138



87, 116, 177

Complementary

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



176, 109, 104



104, 139, 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.



43, 97, 169



176, 109, 104



55, 102, 140

Square

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



176, 109, 104



81, 132, 94



23, 84, 150



127, 121, 172

Rectangle

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



176, 109, 104



129, 153, 77



23, 84, 150



72, 110, 176

Sweetspot

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



176, 109, 104



230, 204, 202



176, 104, 172



115, 100, 99



242, 242, 242



115, 115, 115

Same Dimension

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



176, 109, 104



230, 124, 117



162, 176, 104



89, 81, 80



153, 11, 0



26, 2, 0

Inverse Universe

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



104, 139, 176



117, 171, 230



104, 126, 176



80, 85, 89



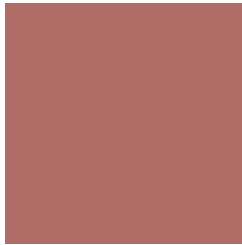
0, 74, 153



0, 12, 26

Previews

White Background



This preview shows how the RYB color 176, 109, 104 looks on a white background.

Color Contrast Check

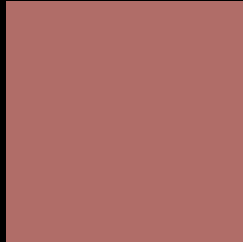
Large Text (above 18pt) WCAG AA ✓ Pass

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 176, 109, 104 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 × Fail

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

RYB 176, 109, 104 Background



This preview shows how black text looks on a background with the RYB color 176, 109, 104.



This preview shows how white text looks on a background with the RYB color 176, 109, 104.

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

176, 109, 104

Protanopia

122, 133, 113

Deuteranopia

148, 137, 102



Tritanopia
177, 107, 115

Trichromacy



Original Color

176, 109, 104

Protanomaly

149, 123, 110

Deuteranomaly

158, 122, 103

Tritanomaly

177, 108, 111

Monochromacy



Original Color

176, 109, 104

Achromatopsia

128, 128, 128

Achromatomaly

145, 121, 119

CSS Examples

Text

The CSS property to change the color of the text to RYB 176, 109, 104 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, 109, 104)` looks like.

```
.text, #text, p{  
    color:rgb(176, 109, 104)  
}
```

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, 109, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 109, 104) }
```

Border

The CSS property to change the border of an element to RYB 176, 109, 104 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, 109, 104) }
```

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

```
.border{ border-color:rgb(176, 109, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 109, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 109, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 109, 104);  
box-shadow:4px 4px 4px 4px rgb(176, 109,  
104) }
```

Background

The CSS property to change the background color of an element to RYB 176, 109, 104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 109, 104) }
```

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

```
.background{ background-color: rgb(176,  
109, 104) }
```

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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