

Converting Colors

`RYB(178, 176, 147)`

Have a look what the booklet for
RYB(178, 176, 147) contains.

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Color

R_YB(178, 176, 147)

Conversions

Conversions Part 1

Format	Color
Hex	B2A293
RGB	178, 162, 147
RGB Percent	70%, 64%, 58%
CMY	0.3020, 0.3648, 0.4235
CMYK	0.00, 0.09, 0.17, 0.30
HSL	29°, 17%, 64%
HSV	29°, 17%, 70%
XYZ	36.5440, 37.4064, 32.8978
YIQ	165.0740, 14.3510, -1.2730

Conversions

Conversions Part 2

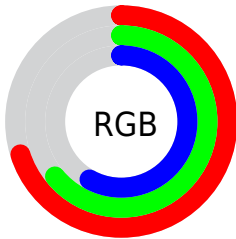
Format	Color
RYB	178, 176, 147
Decimal	11707027
CIELab	67.58, 3.31, 9.90
CIElCh	68, 10.441, 71.491
Yxy	37.4064, 0.3420, 0.3501
Android (android.graphics.Color)	4289897107 (0xFFB2A293)
YUV	165.0740, -8.9105, 11.3361
Hunter-Lab	61.1607, -0.3763, 10.9209

Details

The RYB color **178, 176, 147** is a light color, and the websafe version is hex **999999**. A complement of this color would be **147, 158, 178**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **234, 232, 201**, and **125, 123, 96** is the 20% darker color. If you saturate the color by 10%, you get **178, 176, 129**, and if you desaturate by 10%, it is **178, 176, 165**.

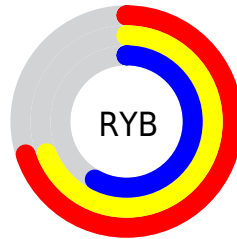
Distribution



Red (70%)

Green (64%)

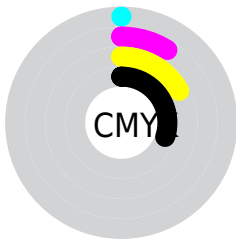
Blue (58%)



Red (70%)

Yellow (69%)

Blue (58%)

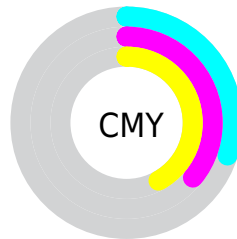


Cyan (0%)

Magenta (9%)

Yellow (17%)

Black (30%)



Cyan (30%)

Magenta (36%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RYB color 178, 176, 147 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, 147 by changing the saturation by 10% instead.


 178, 176, 147

255, 255, 255

 234, 232, 201


 245, 255, 229

 178, 176, 147

 151, 151, 121

 125, 123, 96

 100, 98, 73

 76, 76, 50

 53, 53, 29

 22, 32, 4

 0, 0, 0

 178, 176, 147


 178, 176, 129

 178, 176, 147

 178, 176, 165

 178, 176, 111


 178, 179, 183

 178, 170, 94

 178, 186, 200

 178, 170, 76


 178, 192, 218

 178, 170, 58

 178, 198, 236

 178, 170, 40

 178, 204, 254

 178, 170, 22

 178, 208, 255

 178, 165, 5

 178, 211, 255

 178, 166, 0

 178, 214, 255

Harmonies

Analogous

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



184, 161, 152



178, 176, 147



151, 169, 146

Triad

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



178, 176, 147



142, 157, 170



171, 161, 179

Complementary

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



178, 176, 147



147, 158, 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.



159, 163, 183



178, 176, 147



142, 157, 177

Square

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



178, 176, 147



148, 163, 170



148, 160, 182



180, 159, 171

Rectangle

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



178, 176, 147



148, 167, 154



148, 160, 182



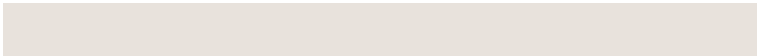
167, 162, 181

Sweetspot

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



178, 176, 147



232, 232, 220



178, 147, 163



115, 117, 110



245, 245, 245



117, 117, 117

Same Dimension

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



178, 176, 147



232, 230, 183



148, 178, 147



87, 89, 80



153, 143, 0



26, 22, 0

Inverse Universe

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



147, 158, 178



183, 200, 232



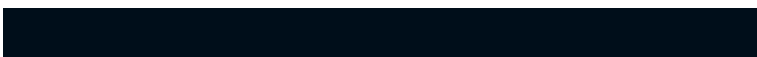
147, 148, 178



80, 83, 89



0, 52, 153



0, 9, 26

Previews

White Background



This preview shows how the RYB color 178, 176, 147 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, 147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

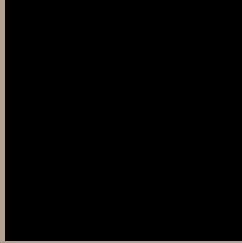
Any Text WCAG AA ✓ Pass

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 178, 176, 147 Background



This preview shows how black text looks on a background with the RYB color 178, 176, 147.



This preview shows how white text looks on a background with the RYB color 178, 176, 147.

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, 147

Protanopia
158, 171, 148

Deuteranopia
187, 163, 148



Tritanopia
181, 158, 171

Trichromacy



Original Color

178, 176, 147

Protanomaly

167, 174, 148

Deuteranomaly

184, 166, 148

Tritanomaly

180, 159, 162

Monochromacy



Original Color

178, 176, 147

Achromatopsia

165, 165, 165

Achromatomaly

170, 170, 158

CSS Examples

Text

The CSS property to change the color of the text to RYB 178, 176, 147 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, 162, 147) looks like.

```
.text, #text, p{  
    color:rgb(178, 162, 147)  
}
```

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, 162, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 162, 147) }
```

Border

The CSS property to change the border of an element to RYB 178, 176, 147 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, 162, 147) }
```

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

```
.border{ border-color:rgb(178, 162, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 162, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 162, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 162, 147);  
box-shadow:4px 4px 4px 4px rgb(178, 162,  
147) }
```

Background

The CSS property to change the background color of an element to RYB 178, 176, 147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 162, 147) }
```

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

```
.background{ background-color: rgb(178,  
162, 147) }
```

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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