

Converting Colors

`RYB(178, 167, 149)`

Have a look what the booklet for
RYB(178, 167, 149) contains.

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Color

R_YB(178, 167, 149)

Conversions

Conversions Part 1

Format	Color
Hex	B2A095
RGB	178, 160, 149
RGB Percent	70%, 63%, 58%
CMY	0.3020, 0.3721, 0.4157
CMYK	0.00, 0.10, 0.16, 0.30
HSL	23°, 16%, 64%
HSV	23°, 16%, 70%
XYZ	36.3742, 36.8134, 33.6223
YIQ	164.1280, 14.2590, 0.3950

Conversions

Conversions Part 2

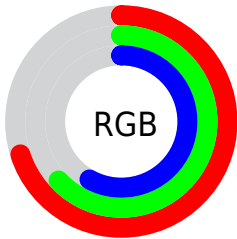
Format	Color
R_{YB}	178, 167, 149
Decimal	11706517
CIE _{Lab}	67.14, 4.66, 8.16
CIE _{LCh}	67, 9.396, 60.240
Yxy	36.8134, 0.3406, 0.3447
Android (android.graphics.Color)	4289896597 (0xFFB2A095)
YUV	164.1280, -7.4581, 12.1657
Hunter-Lab	60.6741, 0.8313, 9.6165

Details

The RYB color **178, 167, 149** is a light color, and the websafe version is hex **999999**. A complement of this color would be **149, 160, 178**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **234, 223, 203**, and **125, 117, 98** is the 20% darker color. If you saturate the color by 10%, you get **178, 160, 131**, and if you desaturate by 10%, it is **178, 173, 167**.

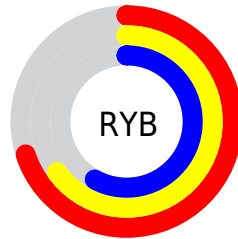
Distribution



Red (70%)

Green (63%)

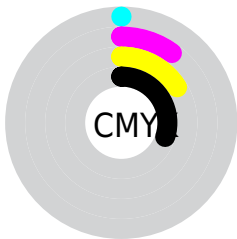
Blue (58%)



Red (70%)

Yellow (65%)

Blue (58%)

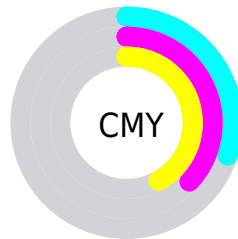


Cyan (0%)

Magenta (10%)

Yellow (16%)

Black (30%)



Cyan (30%)

Magenta (37%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RYB color 178, 167, 149 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, 167, 149 by changing the saturation by 10% instead.


 178, 167, 149

255, 255, 255


 234, 223, 203

 255, 255, 231

 178, 167, 149

 151, 141, 123

 125, 117, 98

 100, 89, 75

 76, 66, 52

 53, 44, 31

 32, 32, 6

 0, 0, 0

 178, 167, 149


 178, 160, 131

 178, 167, 149

 178, 173, 167

 178, 154, 113


 178, 181, 185

 178, 146, 96


 178, 187, 202

 178, 139, 78


 178, 194, 220

 178, 133, 60

 178, 201, 238

 178, 126, 42

 178, 208, 255

 178, 120, 24

 178, 211, 255

 178, 112, 7

 178, 215, 255

 178, 110, 0

 178, 217, 255

Harmonies

Analogous

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



182, 158, 155



178, 167, 149



157, 170, 147

Triad

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



178, 167, 149



145, 158, 168



165, 161, 178

Complementary

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



178, 167, 149



149, 160, 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.



155, 162, 180



178, 167, 149



142, 156, 172

Square

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



178, 167, 149



151, 165, 168



146, 159, 178



175, 159, 172

Rectangle

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



178, 167, 149



148, 165, 149



146, 159, 178



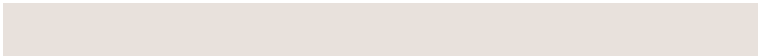
162, 162, 179

Sweetspot

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



178, 167, 149



232, 229, 220



178, 149, 167



117, 115, 110



245, 245, 245



117, 117, 117

Same Dimension

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



178, 167, 149



232, 213, 186



154, 178, 149



89, 87, 80



153, 96, 0



26, 16, 0

Inverse Universe

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



149, 160, 178



186, 203, 232



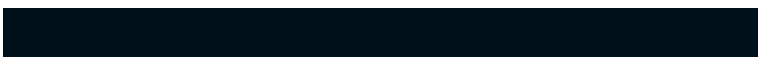
149, 153, 178



80, 84, 89



0, 58, 153



0, 10, 26

Previews

White Background



This preview shows how the RYB color 178, 167, 149 looks on a white background.

Color Contrast Check

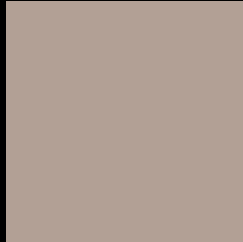
Large Text (above 18pt) WCAG AA × Fail

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, 167, 149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

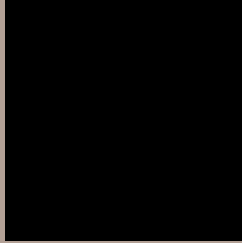
Any Text WCAG AA ✓ Pass

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, 167, 149 Background



This preview shows how black text looks on a background with the RYB color 178, 167, 149.



This preview shows how white text looks on a background with the RYB color 178, 167, 149.

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, 167, 149

Protanopia
159, 169, 150

Deuteranopia
184, 161, 149



Tritanopia
181, 157, 169

Trichromacy



Original Color

178, 167, 149

Protanomaly

168, 172, 150

Deuteranomaly

182, 163, 149

Tritanomaly

180, 158, 162

Monochromacy



Original Color

178, 167, 149

Achromatopsia

164, 164, 164

Achromatomaly

169, 166, 159

CSS Examples

Text

The CSS property to change the color of the text to RGB 178, 167, 149 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, 160, 149) looks like.

```
.text, #text, p{  
    color:rgb(178, 160, 149)  
}
```

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, 160, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 160, 149) }
```

Border

The CSS property to change the border of an element to RYB 178, 167, 149 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, 160, 149) }
```

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

```
.border{ border-color:rgb(178, 160, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 160, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 160, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 160, 149);  
box-shadow:4px 4px 4px 4px rgb(178, 160,  
149) }
```

Background

The CSS property to change the background color of an element to RYB 178, 167, 149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 160, 149) }
```

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

```
.background{ background-color: rgb(178,  
160, 149) }
```

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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