

Converting Colors

`RYB(179, 179, 147)`

Have a look what the booklet for
RYB(179, 179, 147) contains.

RYB(179, 179, 147)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

$\text{RYB}(179, 179, 147)$

Conversions

Conversions Part 1

Format	Color
Hex	B3A393
RGB	179, 163, 147
RGB Percent	70%, 64%, 58%
CMY	0.2980, 0.3608, 0.4235
CMYK	0.00, 0.09, 0.18, 0.30
HSL	30°, 17%, 64%
HSV	30°, 18%, 70%
XYZ	36.9541, 37.8847, 32.9685
YIQ	165.9600, 14.6720, -1.5840

Conversions

Conversions Part 2

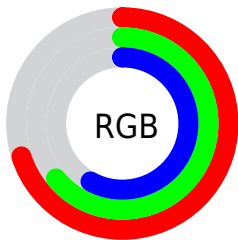
Format	Color
RYB	179, 179, 147
Decimal	11772819
CIELab	67.94, 3.14, 10.42
CIELCh	68, 10.879, 73.223
Yxy	37.8847, 0.3428, 0.3514
Android (android.graphics.Color)	4289962899 (0xFFB3A393)
YUV	165.9600, -9.3473, 11.4361
Hunter-Lab	61.5505, -0.5446, 11.3276

Details

The RYB color **179, 179, 147** is a light color, and the websafe version is hex **999999**. A complement of this color would be **147, 158, 179**, and the grayscale version is **166, 166, 166**.

A 20% lighter version of the original color is **235, 235, 201**, and **126, 126, 96** is the 20% darker color. If you saturate the color by 10%, you get **179, 179, 129**, and if you desaturate by 10%, it is **179, 179, 165**.

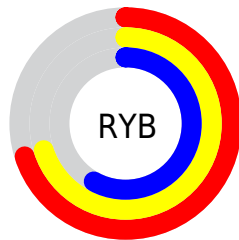
Distribution



Red (70%)

Green (64%)

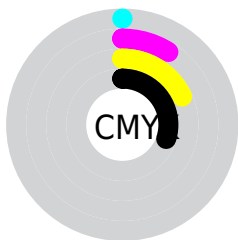
Blue (58%)



Red (70%)

Yellow (70%)

Blue (58%)

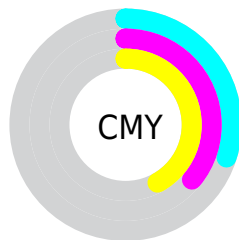


Cyan (0%)

Magenta (9%)

Yellow (18%)

Black (30%)



Cyan (30%)

Magenta (36%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RYB color 179, 179, 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 179, 179, 147 by changing the saturation by 10% instead.


 179, 179, 147

255, 255, 255


 235, 235, 201


 243, 255, 229

 179, 179, 147

 150, 152, 121

 126, 126, 96

 101, 101, 73

 75, 77, 50


 49, 53, 29

 24, 33, 4

 0, 0, 0

 179, 179, 147


 179, 179, 129

 179, 179, 147


 179, 179, 165

 179, 179, 111


 179, 180, 183

 179, 179, 93


 179, 186, 201

 179, 179, 75


 179, 192, 219

 179, 179, 57

 179, 198, 236

 179, 177, 40

 179, 204, 254

 179, 177, 22

 179, 208, 255

 179, 177, 4

 179, 211, 255

 177, 179, 0

 179, 214, 255

Harmonies

Analogous

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



185, 163, 152



179, 179, 147



149, 169, 146

Triad

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



179, 179, 147



142, 157, 171



173, 162, 180

Complementary

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



179, 179, 147



147, 158, 179

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.



161, 164, 184



179, 179, 147



142, 158, 179

Square

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



179, 179, 147



148, 163, 171



149, 161, 184



182, 159, 171

Rectangle

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



179, 179, 147



149, 168, 156



149, 161, 184



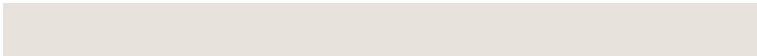
169, 163, 182

Sweetspot

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



179, 179, 147



232, 232, 220



179, 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.



179, 179, 147



230, 232, 183



147, 179, 147



87, 89, 80



151, 153, 0



26, 26, 0

Inverse Universe

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



147, 158, 179



183, 200, 232



147, 147, 179



80, 83, 89



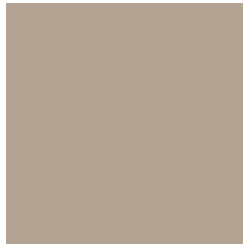
0, 51, 153



0, 9, 26

Previews

White Background



This preview shows how the RYB color 179, 179, 147 looks on a white background.

Color Contrast Check

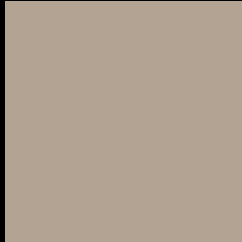
Large Text (above 18pt) WCAG AA × Fail

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 179, 179, 147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

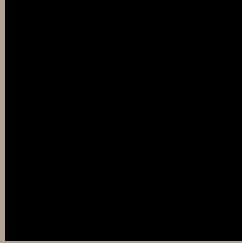
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

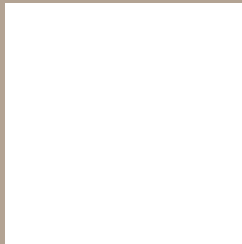
Any Text WCAG AAA ✓ Pass

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

RYB 179, 179, 147 Background



This preview shows how black text looks on a background with the RYB color 179, 179, 147.



This preview shows how white text looks on a background with the RYB color 179, 179, 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
179, 179, 147

Protanopia
160, 173, 148

Deuteranopia
188, 165, 148



Tritanopia
182, 159, 172

Trichromacy



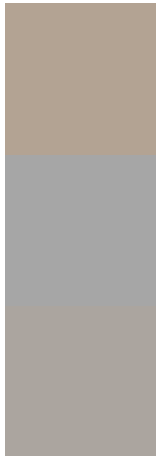
Original Color
179, 179, 147

Protanomaly
167, 175, 148

Deuteranomaly
185, 168, 148

Tritanomaly
181, 160, 163

Monochromacy



Original Color
179, 179, 147

Achromatopsia
166, 166, 166

Achromatomaly
171, 171, 159

CSS Examples

Text

The CSS property to change the color of the text to RYB 179, 179, 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(179, 163, 147) looks like.

```
.text, #text, p{  
    color:rgb(179, 163, 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(179, 163, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 163, 147) }
```

Border

The CSS property to change the border of an element to RYB 179, 179, 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(179, 163, 147) }
```

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

```
.border{ border-color:rgb(179, 163, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 163, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 163, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 163, 147);  
box-shadow:4px 4px 4px 4px rgb(179, 163,  
147) }
```

Background

The CSS property to change the background color of an element to RYB 179, 179, 147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 163, 147) }
```

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

```
.background{ background-color: rgb(179,  
163, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor