

Converting Colors

`RYB(189, 149, 147)`

Have a look what the booklet for RYB(189, 149, 147) contains.

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Color

R_YB(189, 149, 147)

Conversions

Conversions Part 1

Format	Color
Hex	BD9593
RGB	189, 149, 147
RGB Percent	74%, 58%, 58%
CMY	0.2588, 0.4160, 0.4235
CMYK	0.00, 0.21, 0.22, 0.26
HSL	3°, 24%, 66%
HSV	3°, 22%, 74%
XYZ	36.9858, 34.3915, 32.2926
YIQ	160.7320, 24.4820, 7.8580

Conversions

Conversions Part 2

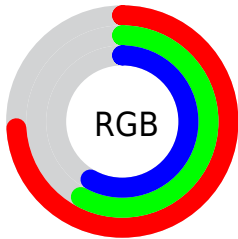
Format	Color
RYB	189, 149, 147
Decimal	12424595
CIELab	65.27, 14.72, 6.75
CIELCh	65, 16.198, 24.622
Yxy	34.3915, 0.3568, 0.3317
Android (android.graphics.Color)	4290614675 (0xFFBD9593)
YUV	160.7320, -6.7699, 24.7910
Hunter-Lab	58.6443, 9.9489, 8.4028

Details

The RYB color **189, 149, 147** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **147, 167, 189**, and the grayscale version is **161, 161, 161**.

A 20% lighter version of the original color is **246, 203, 201**, and **135, 98, 97** is the 20% darker color. If you saturate the color by 10%, you get **189, 131, 128**, and if you desaturate by 10%, it is **189, 167, 166**.

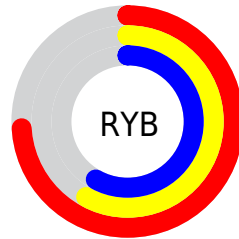
Distribution



Red (74%)

Green (58%)

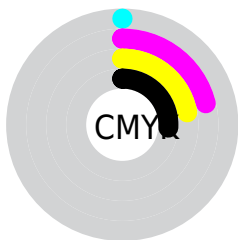
Blue (58%)



Red (74%)

Yellow (58%)

Blue (58%)

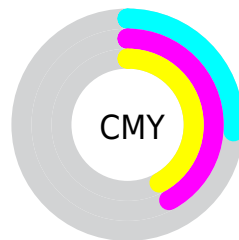


Cyan (0%)

Magenta (21%)

Yellow (22%)

Black (26%)



Cyan (26%)

Magenta (42%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RYB color 189, 149, 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 189, 149, 147 by changing the saturation by 10% instead.


 189, 149, 147

255, 255, 255

 246, 203, 201

 255, 231, 229

 189, 149, 147

 162, 123, 121

 135, 98, 97

 109, 74, 73

 84, 51, 50


 60, 30, 29

 39, 8, 3

 0, 0, 0

 189, 149, 147

 189, 131, 128

 189, 149, 147

 189, 167, 166

 189, 113, 109

 189, 185, 185

 189, 95, 90

 189, 196, 204

 189, 77, 71

 189, 205, 223

 189, 59, 52

 189, 215, 242

 189, 41, 34

 189, 222, 255

 189, 23, 15

 189, 9, 0

Harmonies

Analogous

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



186, 149, 162



189, 149, 147



184, 161, 135

Triad

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



189, 149, 147



140, 164, 165



139, 154, 187

Complementary

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



189, 149, 147



147, 167, 189

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.



124, 148, 182



189, 149, 147



126, 150, 167

Square

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



189, 149, 147



132, 161, 136



120, 144, 170



158, 156, 185

Rectangle

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



189, 149, 147



173, 177, 131



120, 144, 170



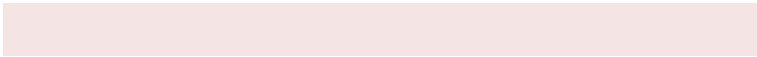
133, 152, 186

Sweetspot

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



189, 149, 147



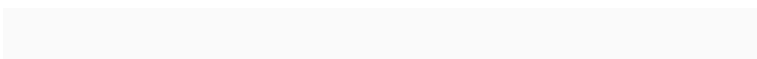
245, 228, 228



189, 147, 188



122, 113, 113



250, 250, 250



122, 122, 122

Same Dimension

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



189, 149, 147



245, 182, 179



185, 189, 147



94, 85, 85



158, 7, 0



31, 1, 0

Inverse Universe

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



147, 167, 189



179, 211, 245



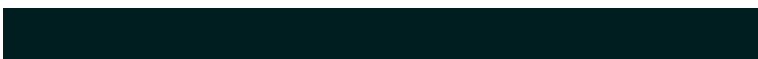
147, 161, 189



85, 90, 94



0, 77, 158



0, 15, 31

Previews

White Background



This preview shows how the RYB color 189, 149, 147 looks on a white background.

Color Contrast Check

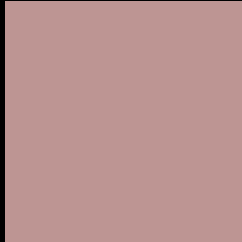
Large Text (above 18pt) WCAG AA × Fail

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 189, 149, 147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

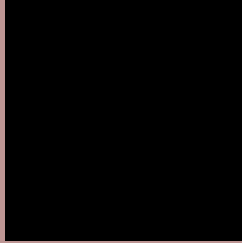
Any Text WCAG AA ✓ Pass

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](#).

R Y B 189, 149, 147 Background



This preview shows how black text looks on a background with the RYB color 189, 149, 147.



This preview shows how white text looks on a background with the RYB color 189, 149, 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
189, 149, 147

Protanopia
161, 163, 152

Deuteranopia
179, 155, 146



Tritanopia
190, 147, 159

Trichromacy



Original Color
189, 149, 147

Protanomaly
172, 156, 150

Deuteranomaly
183, 153, 146

Tritanomaly
190, 148, 155

Monochromacy



Original Color
189, 149, 147

Achromatopsia
161, 161, 161

Achromatomaly
171, 157, 156

CSS Examples

Text

The CSS property to change the color of the text to RYB 189, 149, 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(189, 149, 147) looks like.

```
.text, #text, p{  
    color:rgb(189, 149, 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(189, 149, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 149, 147) }
```

Border

The CSS property to change the border of an element to RYB 189, 149, 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(189, 149, 147) }
```

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

```
.border{ border-color:rgb(189, 149, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 149, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 149, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 149, 147);  
box-shadow:4px 4px 4px 4px rgb(189, 149,  
147) }
```

Background

The CSS property to change the background color of an element to RYB 189, 149, 147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 149, 147) }
```

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

```
.background{ background-color: rgb(189,  
149, 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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