

Converting Colors

`RYB(186, 149, 139)`

Have a look what the booklet for
RYB(186, 149, 139) contains.

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Color

R_YB(186, 149, 139)

Conversions

Conversions Part 1

Format	Color
Hex	BA938B
RGB	186, 147, 139
RGB Percent	73%, 58%, 55%
CMY	0.2706, 0.4226, 0.4549
CMYK	0.00, 0.21, 0.25, 0.27
HSL	11°, 25%, 64%
HSV	11°, 25%, 73%
XYZ	35.3819, 33.2471, 28.9786
YIQ	157.7490, 25.8120, 5.7800

Conversions

Conversions Part 2

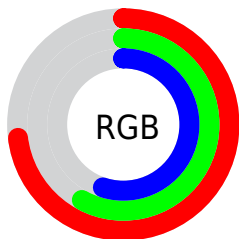
Format	Color
RYB	186, 149, 139
Decimal	12227467
CIELab	64.36, 13.30, 9.90
CIELCh	64, 16.583, 36.677
Yxy	33.2471, 0.3625, 0.3406
Android (android.graphics.Color)	4290417547 (0xFFBA938B)
YUV	157.7490, -9.2433, 24.7761
Hunter-Lab	57.6603, 8.6267, 10.5646

Details

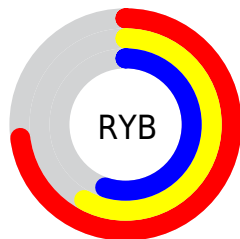
The RYB color **186, 149, 139** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **139, 160, 186**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **243, 203, 192**, and **132, 97, 89** is the 20% darker color. If you saturate the color by 10%, you get **186, 135, 120**, and if you desaturate by 10%, it is **186, 164, 158**.

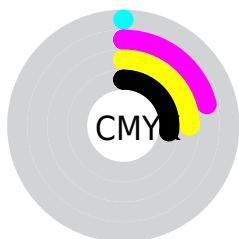
Distribution



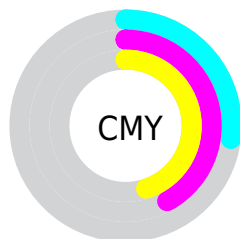
- Red (73%)
- Green (58%)
- Blue (55%)



- Red (73%)
- Yellow (58%)
- Blue (55%)



- Cyan (0%)
- Magenta (21%)
- Yellow (25%)
- Black (27%)



- Cyan (27%)
- Magenta (42%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 186, 149, 139 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 186, 149, 139 by changing the saturation by 10% instead.

 186, 149, 139

255, 255, 255

 243, 203, 192

 255, 232, 220


 249, 255, 249

 186, 149, 139

 159, 122, 114

 132, 99, 89

 106, 74, 66

 81, 51, 44

 57, 30, 23

 36, 6, 0

 0, 0, 0

 186, 149, 139

 186, 135, 120

 186, 149, 139

 186, 164, 158

■ 186, 120, 102

■ 186, 179, 176

■ 186, 105, 83

■ 186, 190, 195

■ 186, 90, 65

■ 186, 198, 213

■ 186, 76, 46

■ 186, 207, 232

■ 186, 61, 27

■ 186, 215, 251

■ 186, 47, 9

■ 186, 221, 255

■ 186, 40, 0

Harmonies

Analogous

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



186, 146, 153



186, 149, 139



178, 169, 129

Triad

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



186, 149, 139



131, 155, 164



144, 153, 185

Complementary

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



186, 149, 139



139, 160, 186

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.



126, 148, 183



186, 149, 139



119, 144, 165

Square

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



186, 149, 139



132, 161, 145



117, 143, 173



163, 151, 180

Rectangle

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



186, 149, 139



150, 169, 127



117, 143, 173



137, 152, 185

Sweetspot

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



186, 149, 139



242, 227, 223



186, 139, 178



122, 112, 110



250, 250, 250



122, 122, 122

Same Dimension

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



186, 149, 139



242, 184, 170



163, 186, 139



92, 84, 83



156, 33, 0



28, 6, 0

Inverse Universe

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



139, 160, 186



170, 202, 242



139, 151, 186



83, 87, 92



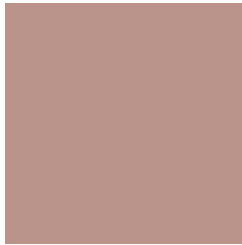
0, 70, 156



0, 13, 28

Previews

White Background



This preview shows how the RYB color 186, 149, 139 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 186, 149, 139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

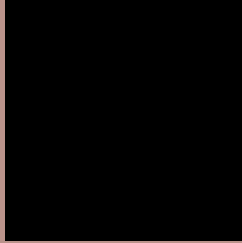
Any Text WCAG AA ✓ Pass

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 186, 149, 139 Background



This preview shows how black text looks on a background with the RYB color 186, 149, 139.

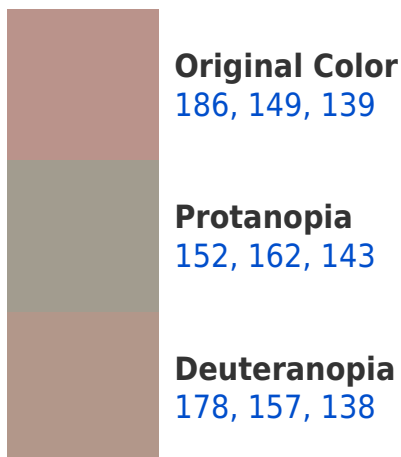



This preview shows how white text looks on a background with the RYB color 186, 149, 139.

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





Tritanopia
188, 145, 156

Trichromacy



Original Color

186, 149, 139

Protanomaly

171, 160, 142

Deuteranomaly

181, 155, 138

Tritanomaly

187, 146, 150

Monochromacy



Original Color

186, 149, 139

Achromatopsia

158, 158, 158

Achromatomaly

168, 155, 151

CSS Examples

Text

The CSS property to change the color of the text to RYB 186, 149, 139 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(186, 147, 139) looks like.

```
.text, #text, p{  
    color:rgb(186, 147, 139)  
}
```

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(186, 147, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 147, 139) }
```

Border

The CSS property to change the border of an element to RYB 186, 149, 139 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(186, 147, 139) }
```

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

```
.border{ border-color:rgb(186, 147, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 147, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 147, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 147, 139);  
box-shadow:4px 4px 4px 4px rgb(186, 147,  
139) }
```

Background

The CSS property to change the background color of an element to RYB 186, 149, 139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 147, 139) }
```

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

```
.background{ background-color: rgb(186,  
147, 139) }
```

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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