

Converting Colors

`RYB(187, 139, 148)`

Have a look what the booklet for
RYB(187, 139, 148) contains.

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Color

R_YB(187, 139, 148)

Conversions

Conversions Part 1

Format	Color
Hex	BB8B94
RGB	187, 139, 148
RGB Percent	73%, 55%, 58%
CMY	0.2667, 0.4549, 0.4196
CMYK	0.00, 0.26, 0.21, 0.27
HSL	349°, 26%, 64%
HSV	349°, 26%, 73%
XYZ	35.0714, 31.1682, 32.1846
YIQ	154.3780, 25.7190, 12.9750

Conversions

Conversions Part 2

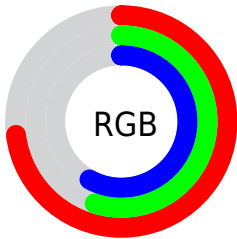
Format	Color
RYB	187, 139, 148
Decimal	12290964
CIELab	62.65, 19.62, 2.38
CIElCh	63, 19.763, 6.903
Yxy	31.1682, 0.3563, 0.3167
Android (android.graphics.Color)	4290481044 (0xFFBB8B94)
YUV	154.3780, -3.1444, 28.6095
Hunter-Lab	55.8284, 14.4339, 4.8998

Details

The RYB color **187, 139, 148** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **139, 165, 187**, and the grayscale version is **154, 154, 154**.

A 20% lighter version of the original color is **244, 193, 202**, and **133, 89, 97** is the 20% darker color. If you saturate the color by 10%, you get **187, 120, 133**, and if you desaturate by 10%, it is **187, 158, 163**.

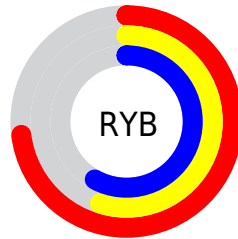
Distribution



Red (73%)

Green (55%)

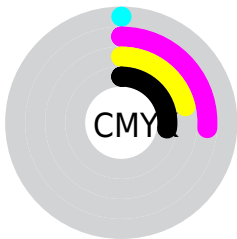
Blue (58%)



Red (73%)

Yellow (55%)

Blue (58%)

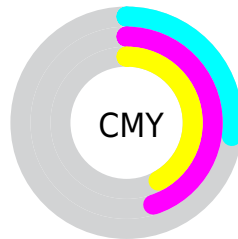


Cyan (0%)

Magenta (26%)

Yellow (21%)

Black (27%)



Cyan (27%)

Magenta (45%)

Yellow (42%)


Brightness & Saturation Gradients

These gradients show how the RYB color 187, 139, 148 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 187, 139, 148 by changing the saturation by 10% instead.

 187, 139, 148


255, 255, 255

 244, 193, 202

 255, 221, 230

 255, 249, 255

 187, 139, 148

 160, 113, 122

 133, 89, 97


 107, 65, 74

 82, 42, 51


 58, 21, 30


 38, 0, 5


 0, 0, 0

 187, 139, 148

 187, 120, 133

 187, 139, 148

 187, 158, 163

 187, 102, 118

 187, 176, 178

 187, 83, 102

 187, 191, 195

 187, 64, 87

 187, 202, 214

 187, 45, 72

 187, 212, 232

 187, 27, 57

 187, 222, 251

 187, 8, 42

 187, 221, 255

 187, 0, 35

 187, 221, 255

Harmonies

Analogous

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



178, 141, 166



187, 139, 148



186, 143, 131

Triad

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



187, 139, 148



123, 157, 139



114, 140, 183

Complementary

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



187, 139, 148



139, 165, 187

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.



103, 135, 172



187, 139, 148



121, 149, 160

Square

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



187, 139, 148



128, 161, 117



106, 136, 162



136, 148, 186

Rectangle

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



187, 139, 148



181, 156, 123



106, 136, 162



109, 138, 180

Sweetspot

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



187, 139, 148



242, 223, 227



177, 139, 187



122, 110, 112



250, 250, 250



122, 122, 122

Same Dimension

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



187, 139, 148



242, 167, 181



187, 159, 139



94, 85, 87



158, 0, 30



31, 0, 6

Inverse Universe

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



187, 139, 148



242, 167, 181



139, 159, 187



94, 85, 87



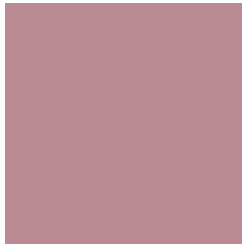
158, 0, 30



31, 0, 6

Previews

White Background



This preview shows how the RYB color 187, 139, 148 looks on a white background.

Color Contrast Check

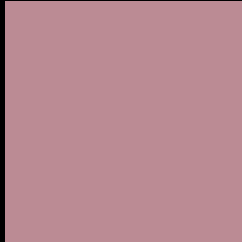
Large Text (above 18pt) WCAG AA × Fail

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 187, 139, 148 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 187, 139, 148 Background



This preview shows how black text looks on a background with the R Y B color 187, 139, 148.

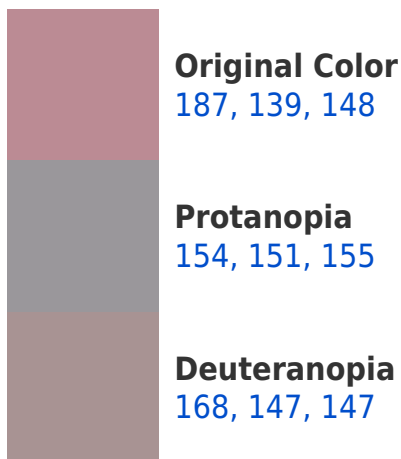


This preview shows how white text looks on a background with the R Y B color 187, 139, 148.

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
187, 139, 149

Trichromacy



Original Color
187, 139, 148

Protanomaly
166, 147, 152

Deuteranomaly
175, 144, 147

Tritanomaly
187, 139, 149

Monochromacy



Original Color
187, 139, 148

Achromatopsia
154, 154, 154

Achromatomaly
166, 149, 152

CSS Examples

Text

The CSS property to change the color of the text to RYB 187, 139, 148 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(187, 139, 148) looks like.

```
.text, #text, p{  
    color:rgb(187, 139, 148)  
}
```

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(187, 139, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 139, 148) }
```

Border

The CSS property to change the border of an element to RYB 187, 139, 148 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(187, 139, 148) }
```

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

```
.border{ border-color:rgb(187, 139, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 139, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 139, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 139, 148); box-shadow:4px 4px 4px 4px rgb(187, 139, 148) }
```

Background

The CSS property to change the background color of an element to RYB 187, 139, 148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 139, 148) }
```

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

```
.background{ background-color: rgb(187,  
139, 148) }
```

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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