

Converting Colors

`RYB(209, 143, 138)`

Have a look what the booklet for
RYB(209, 143, 138) contains.

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Color

R_YB(209, 143, 138)

Conversions

Conversions Part 1

Format	Color
Hex	D18F8A
RGB	209, 143, 138
RGB Percent	82%, 56%, 54%
CMY	0.1804, 0.4405, 0.4588
CMYK	0.00, 0.32, 0.34, 0.18
HSL	4°, 44%, 68%
HSV	4°, 34%, 82%
XYZ	40.6551, 34.9366, 28.6454
YIQ	162.1640, 40.9410, 12.4370

Conversions

Conversions Part 2

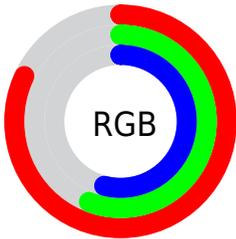
Format	Color
R _Y B	209, 143, 138
Decimal	13733770
CIE Lab	65.70, 24.58, 12.71
CIE LCh	66, 27.668, 27.342
Yxy	34.9366, 0.3900, 0.3352
Android (android.graphics.Color)	4291923850 (0xFFD18F8A)
YUV	162.1640, -11.9129, 41.0752
Hunter-Lab	59.1072, 19.3383, 12.6410

Details

The RYB color **209, 143, 138** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **138, 172, 209**, and the grayscale version is **162, 162, 162**.

A 20% lighter version of the original color is **255, 198, 191**, and **153, 92, 88** is the 20% darker color. If you saturate the color by 10%, you get **209, 123, 117**, and if you desaturate by 10%, it is **209, 162, 159**.

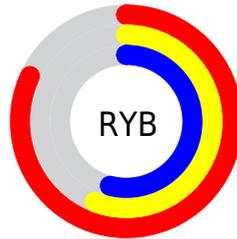
Distribution



Red (82%)

Green (56%)

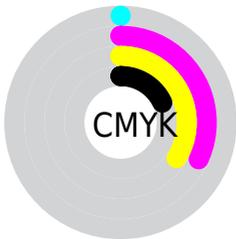
Blue (54%)



Red (82%)

Yellow (56%)

Blue (54%)

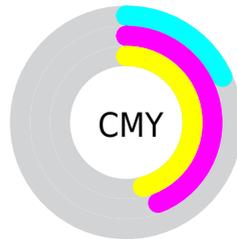


Cyan (0%)

Magenta (32%)

Yellow (34%)

Black (18%)



Cyan (18%)

Magenta (44%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RYB color 209, 143, 138 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 209, 143, 138 by changing the saturation by 10% instead.

 209, 143, 138

 209, 143, 138

255, 255, 255

 181, 117, 113

 255, 198, 191

 153, 92, 88

 255, 226, 219

 125, 68, 65

 249, 255, 248

 99, 44, 43

 73, 22, 22

 49, 0, 0

 15, 0, 0

 0, 0, 0

 209, 143, 138

 209, 143, 138

■ 209, 123, 117

■ 209, 162, 159

■ 209, 105, 96

■ 209, 182, 180

■ 209, 85, 75

■ 209, 201, 201

■ 209, 66, 54

■ 209, 215, 222

■ 209, 46, 34

■ 209, 225, 243

■ 209, 27, 13

■ 209, 232, 255

■ 209, 15, 0

Harmonies

Analogous

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



206, 141, 163



209, 143, 138



199, 167, 119

Triad

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



209, 143, 138



125, 164, 170



124, 151, 209

Complementary

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



209, 143, 138



138, 172, 209

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.



92, 137, 201



209, 143, 138



97, 140, 173

Square

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



209, 143, 138



115, 165, 127



81, 129, 181



160, 154, 204

Rectangle

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



209, 143, 138



171, 187, 112



81, 129, 181



112, 146, 207

Sweetspot

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



209, 143, 138



255, 231, 230



209, 138, 205



128, 113, 112



0, 0, 0



128, 128, 128

Same Dimension

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



209, 143, 138



255, 158, 150



196, 209, 138



105, 95, 94



168, 12, 0



41, 3, 0

Inverse Universe

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



138, 172, 209



150, 201, 255



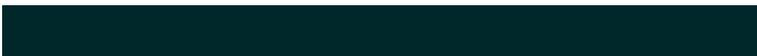
138, 160, 209



94, 99, 105



0, 81, 168



0, 20, 41

Previews

White Background



This preview shows how the RYB color 209, 143, 138 looks on a white background.

Color Contrast Check

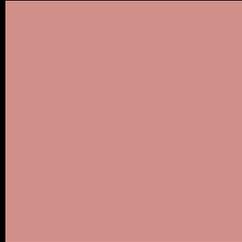
Large Text (above 18pt) WCAG AA × Fail

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 209, 143, 138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

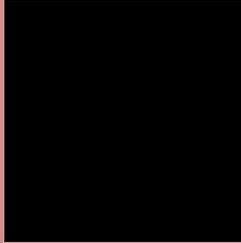
Any Text WCAG AA ✓ Pass

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 209, 143, 138 Background



This preview shows how black text looks on a background with the RYB color 209, 143, 138.



This preview shows how white text looks on a background with the RYB color 209, 143, 138.

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
210, 141, 151

Trichromacy



Original Color
209, 143, 138

Protanomaly
182, 156, 144

Deuteranomaly
193, 154, 137

Tritanomaly
210, 142, 146

Monochromacy



Original Color
209, 143, 138

Achromatopsia
162, 162, 162

Achromatomaly
179, 155, 153

CSS Examples

Text

The CSS property to change the color of the text to RYB 209, 143, 138 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(209, 143, 138) looks like.

```
.text, #text, p{  
    color:rgb(209, 143, 138)  
}
```

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(209, 143, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 143, 138) }
```

Border

The CSS property to change the border of an element to RYB 209, 143, 138 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(209, 143, 138) }
```

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

```
.border{ border-color:rgb(209, 143, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 143, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 143, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 143, 138);  
box-shadow:4px 4px 4px 4px rgb(209, 143,  
138) }
```

Background

The CSS property to change the background color of an element to RGB 209, 143, 138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 143, 138) }
```

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

```
.background{ background-color: rgb(209,  
143, 138) }
```

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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