

Converting Colors

`RYB(193, 149, 141)`

Have a look what the booklet for
RYB(193, 149, 141) contains.

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Color

R_YB(193, 149, 141)

Conversions

Conversions Part 1

Format	Color
Hex	C1948D
RGB	193, 148, 141
RGB Percent	76%, 58%, 55%
CMY	0.2431, 0.4199, 0.4471
CMYK	0.00, 0.23, 0.27, 0.24
HSL	8°, 30%, 65%
HSV	8°, 27%, 76%
XYZ	37.3795, 34.4194, 29.8728
YIQ	160.6570, 29.0670, 7.3630

Conversions

Conversions Part 2

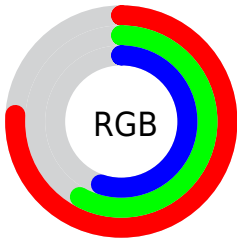
Format	Color
RYB	193, 149, 141
Decimal	12686477
CIELab	65.29, 15.92, 10.20
CIElCh	65, 18.910, 32.659
Yxy	34.4194, 0.3676, 0.3385
Android (android.graphics.Color)	4290876557 (0xFFC1948D)
YUV	160.6570, -9.6909, 28.3648
Hunter-Lab	58.6681, 11.0594, 10.8782

Details

The RYB color **193, 149, 141** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **141, 165, 193**, and the grayscale version is **161, 161, 161**.

A 20% lighter version of the original color is **250, 203, 195**, and **138, 98, 91** is the 20% darker color. If you saturate the color by 10%, you get **193, 132, 122**, and if you desaturate by 10%, it is **193, 166, 160**.

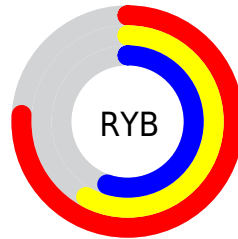
Distribution



Red (76%)

Green (58%)

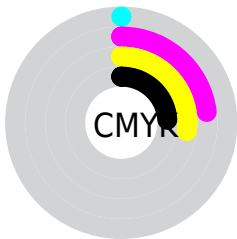
Blue (55%)



Red (76%)

Yellow (58%)

Blue (55%)

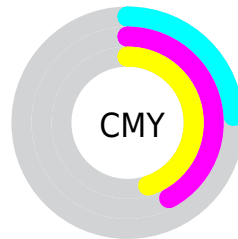


Cyan (0%)

Magenta (23%)

Yellow (27%)

Black (24%)



Cyan (24%)

Magenta (42%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 193, 149, 141 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 193, 149, 141 by changing the saturation by 10% instead.


 193, 149, 141

255, 255, 255

 250, 203, 195

 255, 233, 222

 251, 255, 251

 193, 149, 141

 165, 123, 115

 138, 98, 91

 112, 74, 67

 87, 51, 45

 62, 29, 25

 41, 7, 0

 0, 0, 0

 193, 149, 141


 193, 132, 122


 193, 149, 141

 193, 166, 160

 193, 116, 102

 193, 181, 180

 193, 100, 83

 193, 196, 199

 193, 84, 64

 193, 205, 218

 193, 67, 45

 193, 214, 237

 193, 52, 25

 193, 222, 255

 193, 35, 6

 193, 224, 255

 193, 30, 0

Harmonies

Analogous

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



192, 147, 158



193, 149, 141



185, 168, 129

Triad

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



193, 149, 141



132, 159, 167



141, 154, 192

Complementary

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



193, 149, 141



141, 165, 193

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.



121, 147, 188



193, 149, 141



117, 145, 168

Square

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



193, 149, 141



130, 163, 142



112, 142, 176



163, 154, 187

Rectangle

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



193, 149, 141



158, 176, 125



112, 142, 176



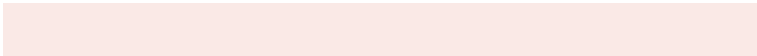
134, 152, 192

Sweetspot

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



193, 149, 141



250, 234, 230



193, 141, 186



125, 114, 112



252, 252, 252



125, 125, 125

Same Dimension

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



193, 149, 141



250, 183, 170



171, 193, 141



97, 90, 87



161, 24, 0



33, 5, 0

Inverse Universe

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



141, 165, 193



170, 207, 250



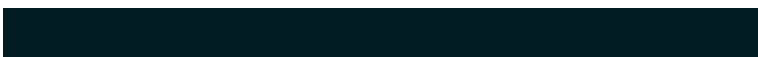
141, 155, 193



87, 92, 97



0, 75, 161



0, 15, 33

Previews

White Background



This preview shows how the RYB color 193, 149, 141 looks on a white background.

Color Contrast Check

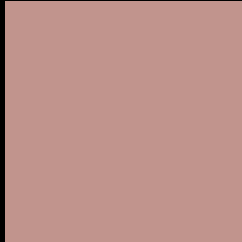
Large Text (above 18pt) WCAG AA × Fail

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 193, 149, 141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

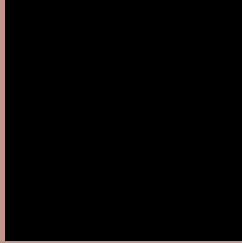
Any Text WCAG AA ✓ Pass

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 193, 149, 141 Background



This preview shows how black text looks on a background with the RYB color 193, 149, 141.



This preview shows how white text looks on a background with the RYB color 193, 149, 141.

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
193, 149, 141

Protanopia
157, 165, 146

Deuteranopia
181, 159, 140



Tritanopia
195, 146, 157

Trichromacy



Original Color

193, 149, 141

Protanomaly

175, 159, 144

Deuteranomaly

185, 155, 140

Tritanomaly

194, 147, 151

Monochromacy



Original Color

193, 149, 141

Achromatopsia

161, 161, 161

Achromatomaly

173, 156, 154

CSS Examples

Text

The CSS property to change the color of the text to RYB 193, 149, 141 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(193, 148, 141)` looks like.

```
.text, #text, p{  
    color:rgb(193, 148, 141)  
}
```

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(193, 148, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 148, 141) }
```

Border

The CSS property to change the border of an element to RYB 193, 149, 141 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(193, 148, 141) }
```

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

```
.border{ border-color:rgb(193, 148, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 148, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 148, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 148, 141);  
box-shadow:4px 4px 4px 4px rgb(193, 148,  
141) }
```

Background

The CSS property to change the background color of an element to RYB 193, 149, 141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 148, 141) }
```

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

```
.background{ background-color: rgb(193,  
148, 141) }
```

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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