

Converting Colors

`RYB(191, 184, 149)`

Have a look what the booklet for
RYB(191, 184, 149) contains.

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Color

R_YB(191, 184, 149)

Conversions

Conversions Part 1

Format	Color
Hex	BFA895
RGB	191, 168, 149
RGB Percent	75%, 66%, 58%
CMY	0.2510, 0.3408, 0.4157
CMYK	0.00, 0.12, 0.22, 0.25
HSL	27°, 25%, 67%
HSV	27°, 22%, 75%
XYZ	40.9301, 41.2851, 34.2453
YIQ	172.7110, 19.8070, -1.0330

Conversions

Conversions Part 2

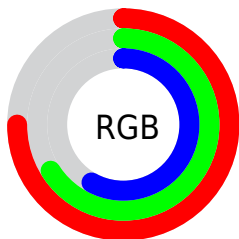
Format	Color
RYB	191, 184, 149
Decimal	12560533
CIELab	70.38, 5.27, 12.91
CIELCh	70, 13.945, 67.798
Yxy	41.2851, 0.3515, 0.3545
Android (android.graphics.Color)	4290750613 (0xFFBFA895)
YUV	172.7110, -11.6895, 16.0395
Hunter-Lab	64.2535, 1.2625, 13.3775

Details

The RYB color **191, 184, 149** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **149, 164, 191**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **248, 239, 203**, and **137, 131, 98** is the 20% darker color. If you saturate the color by 10%, you get **191, 182, 130**, and if you desaturate by 10%, it is **191, 189, 168**.

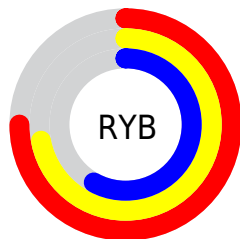
Distribution



Red (75%)

Green (66%)

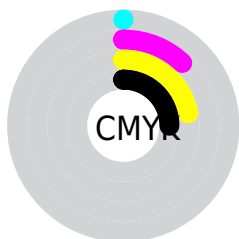
Blue (58%)



Red (75%)

Yellow (72%)

Blue (58%)

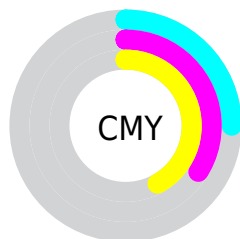


Cyan (0%)

Magenta (12%)

Yellow (22%)

Black (25%)



Cyan (25%)

Magenta (34%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RYB color 191, 184, 149 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 191, 184, 149 by changing the saturation by 10% instead.


 191, 184, 149

255, 255, 255


 248, 239, 203

 234, 255, 231

 191, 184, 149

 164, 158, 123

 137, 131, 98

 111, 109, 74

 86, 82, 52

 63, 61, 30


 35, 40, 7


 15, 0, 0


 0, 0, 0


 191, 184, 149


 191, 184, 149


 191, 182, 130


 191, 189, 168

 191, 176, 111


 191, 191, 187

 191, 175, 92


 191, 196, 206


 191, 169, 73


 191, 203, 225

 191, 167, 54

 191, 210, 245

 191, 167, 34

 191, 216, 255

 191, 162, 15

 191, 219, 255

 191, 160, 0

 191, 222, 255

 191, 223, 255

Harmonies

Analogous

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



198, 167, 157



191, 184, 149



156, 179, 147

Triad

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



191, 184, 149



141, 162, 180



179, 168, 192

Complementary

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



191, 184, 149



149, 164, 191

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.



163, 170, 197



191, 184, 149



140, 161, 187

Square

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



191, 184, 149



151, 171, 179



148, 166, 195



192, 165, 182

Rectangle

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



191, 184, 149



150, 175, 156



148, 166, 195



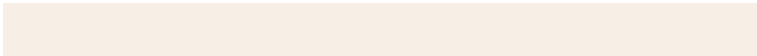
173, 169, 194

Sweetspot

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



191, 184, 149



247, 245, 230



191, 149, 172



125, 122, 115



252, 252, 252



125, 125, 125

Same Dimension

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



191, 184, 149



247, 236, 183



151, 191, 149



94, 92, 85



158, 132, 0



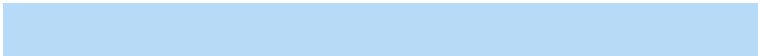
31, 26, 0

Inverse Universe

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



149, 164, 191



183, 206, 247



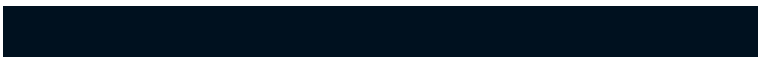
149, 151, 191



85, 88, 94



0, 56, 158



0, 11, 31

Previews

White Background



This preview shows how the RYB color 191, 184, 149 looks on a white background.

Color Contrast Check

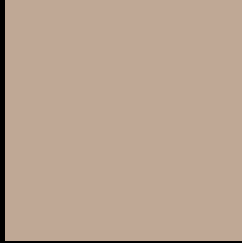
Large Text (above 18pt) WCAG AA × Fail

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 191, 184, 149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

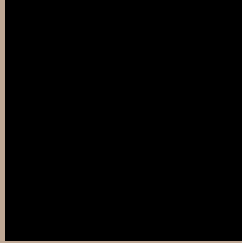
Any Text WCAG AA ✓ Pass

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 191, 184, 149 Background



This preview shows how black text looks on a background with the RYB color 191, 184, 149.



This preview shows how white text looks on a background with the RYB color 191, 184, 149.

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
191, 184, 149

Protanopia
162, 180, 151

Deuteranopia
197, 175, 149



Tritanopia
194, 164, 177

Trichromacy



Original Color

191, 184, 149

Protanomaly

171, 184, 150

Deuteranomaly

195, 179, 149

Tritanomaly

193, 165, 167

Monochromacy



Original Color

191, 184, 149

Achromatopsia

173, 173, 173

Achromatomaly

180, 176, 164

CSS Examples

Text

The CSS property to change the color of the text to RYB 191, 184, 149 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(191, 168, 149) looks like.

```
.text, #text, p{  
    color:rgb(191, 168, 149)  
}
```

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(191, 168, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 168, 149) }
```

Border

The CSS property to change the border of an element to RYB 191, 184, 149 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(191, 168, 149) }
```

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

```
.border{ border-color:rgb(191, 168, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 168, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 168, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 168, 149);  
box-shadow:4px 4px 4px 4px rgb(191, 168,  
149) }
```

Background

The CSS property to change the background color of an element to RYB 191, 184, 149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 168, 149) }
```

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

```
.background{ background-color: rgb(191,  
168, 149) }
```

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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