

Converting Colors

`RYB(191, 173, 140)`

Have a look what the booklet for
RYB(191, 173, 140) contains.

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Color

R_YB(191, 173, 140)

Conversions

Conversions Part 1

Format	Color
Hex	BFA08C
RGB	191, 160, 140
RGB Percent	75%, 63%, 55%
CMY	0.2510, 0.3724, 0.4510
CMYK	0.00, 0.16, 0.27, 0.25
HSL	24°, 28%, 65%
HSV	24°, 27%, 75%
XYZ	38.7965, 38.1238, 30.1248
YIQ	166.9890, 24.8960, 0.3520

Conversions

Conversions Part 2

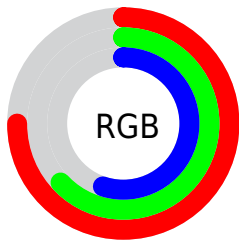
Format	Color
RYB	191, 173, 140
Decimal	12558476
CIELab	68.11, 8.35, 14.70
CIElCh	68, 16.903, 60.407
Yxy	38.1238, 0.3624, 0.3561
Android (android.graphics.Color)	4290748556 (0xFFBFA08C)
YUV	166.9890, -13.3056, 21.0576
Hunter-Lab	61.7445, 4.1057, 14.2939

Details

The RYB color **191, 173, 140** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **140, 159, 191**, and the grayscale version is **167, 167, 167**.

A 20% lighter version of the original color is **248, 228, 194**, and **137, 122, 90** is the 20% darker color. If you saturate the color by 10%, you get **191, 165, 121**, and if you desaturate by 10%, it is **191, 181, 159**.

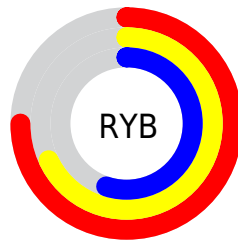
Distribution



Red (75%)

Green (63%)

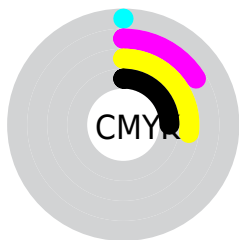
Blue (55%)



Red (75%)

Yellow (68%)

Blue (55%)

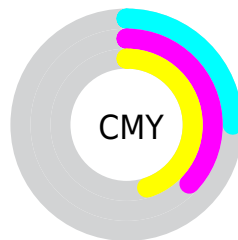


Cyan (0%)

Magenta (16%)

Yellow (27%)

Black (25%)



Cyan (25%)


Magenta (37%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 191, 173, 140 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, 173, 140 by changing the saturation by 10% instead.


 191, 173, 140


255, 255, 255

 248, 228, 194


 240, 255, 221

 250, 255, 250


 191, 173, 140

 164, 147, 114


 137, 122, 90

 111, 96, 66


 86, 73, 44


 62, 50, 23


 40, 36, 0


 1, 0, 0


 0, 0, 0


 191, 173, 140


 191, 173, 140


 191, 165, 121


 191, 181, 159

 191, 160, 102


 191, 186, 178


 191, 152, 83


 191, 193, 197


 191, 146, 64

 191, 200, 216


 191, 139, 45

 191, 208, 236


 191, 132, 25

 191, 215, 255

 191, 127, 6

 191, 219, 255

 191, 123, 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, 157, 151



191, 173, 140



155, 178, 136

Triad

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



191, 173, 140



130, 155, 175



169, 162, 192

Complementary

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



191, 173, 140



140, 159, 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.



149, 162, 196



191, 173, 140



125, 151, 181

Square

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



191, 173, 140



144, 167, 173



132, 156, 192



186, 158, 181

Rectangle

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



191, 173, 140



137, 168, 138



132, 156, 192



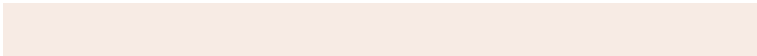
163, 164, 194

Sweetspot

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



191, 173, 140



247, 239, 228



191, 140, 171



125, 120, 112



252, 252, 252



125, 125, 125

Same Dimension

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



191, 173, 140



247, 219, 168



147, 191, 140



94, 92, 85



158, 102, 0



31, 20, 0

Inverse Universe

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



140, 159, 191



168, 198, 247



140, 145, 191



85, 89, 94



0, 60, 158



0, 12, 31

Previews

White Background



This preview shows how the RYB color 191, 173, 140 looks on a white background.

Color Contrast Check

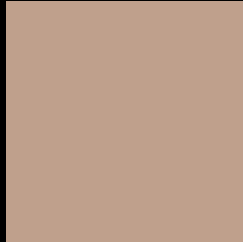
Large Text (above 18pt) WCAG AA × Fail

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, 173, 140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

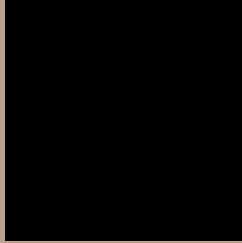
Any Text WCAG AA ✓ Pass

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, 173, 140 Background



This preview shows how black text looks on a background with the RYB color 191, 173, 140.



This preview shows how white text looks on a background with the RYB color 191, 173, 140.

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, 173, 140

Protanopia
156, 175, 143

Deuteranopia
191, 173, 140



Tritanopia
194, 156, 168

Trichromacy



Original Color
191, 173, 140

Protanomaly
172, 181, 142

Deuteranomaly
191, 173, 140

Tritanomaly
193, 157, 158

Monochromacy



Original Color
191, 173, 140

Achromatopsia
167, 167, 167

Achromatomaly
176, 168, 157

CSS Examples

Text

The CSS property to change the color of the text to RYB 191, 173, 140 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, 160, 140)` looks like.

```
.text, #text, p{  
    color:rgb(191, 160, 140)  
}
```

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, 160, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 160, 140) }
```

Border

The CSS property to change the border of an element to RYB 191, 173, 140 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, 160, 140) }
```

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

```
.border{ border-color:rgb(191, 160, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 160, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 160, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 160, 140);  
box-shadow:4px 4px 4px 4px rgb(191, 160,  
140) }
```

Background

The CSS property to change the background color of an element to RYB 191, 173, 140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 160, 140) }
```

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

```
.background{ background-color: rgb(191,  
160, 140) }
```

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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