

Converting Colors

`RYB(190, 174, 168)`

Have a look what the booklet for
RYB(190, 174, 168) contains.

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Color

R_YB(190, 174, 168)

Conversions

Conversions Part 1

Format	Color
Hex	BEADA8
RGB	190, 173, 168
RGB Percent	75%, 68%, 66%
CMY	0.2549, 0.3227, 0.3412
CMYK	0.00, 0.09, 0.12, 0.25
HSL	13°, 14%, 70%
HSV	13°, 12%, 75%
XYZ	43.1919, 43.5520, 43.1757
YIQ	177.5130, 11.7370, 2.0490

Conversions

Conversions Part 2

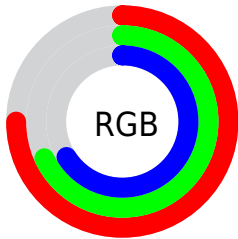
Format	Color
RYB	190, 174, 168
Decimal	12496296
CIELab	71.93, 5.41, 4.67
CIELCh	72, 7.142, 40.791
Yxy	43.5520, 0.3325, 0.3352
Android (android.graphics.Color)	4290686376 (0xFFBEADA8)
YUV	177.5130, -4.6899, 10.9511
Hunter-Lab	65.9939, 1.3359, 7.4060

Details

The RYB color **190, 174, 168** is a light color, and the websafe version is hex **999999**. A complement of this color would be **168, 178, 190**, and the grayscale version is **177, 177, 177**.

A 20% lighter version of the original color is **246, 229, 223**, and **137, 123, 116** is the 20% darker color. If you saturate the color by 10%, you get **190, 161, 149**, and if you desaturate by 10%, it is **190, 189, 187**.

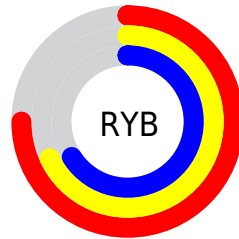
Distribution



Red (75%)

Green (68%)

Blue (66%)



Red (75%)

Yellow (68%)

Blue (66%)

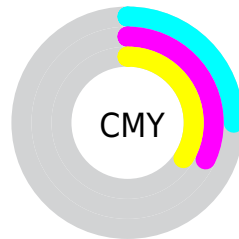


Cyan (0%)

Magenta (9%)

Yellow (12%)

Black (25%)



Cyan (25%)

Magenta (32%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RYB color 190, 174, 168 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 190, 174, 168 by changing the saturation by 10% instead.

 190, 174, 168


255, 255, 255


 246, 229, 223

252, 255, 252

 190, 174, 168


 163, 147, 142

 137, 121, 116

 111, 98, 91

 86, 73, 68

 63, 51, 46


 41, 30, 25


 21, 4, 0


 0, 0, 0


 190, 174, 168


 190, 174, 168

 190, 161, 149

 190, 189, 187

 190, 147, 130


 190, 197, 206

 190, 133, 111

 190, 206, 225

 190, 119, 92

 190, 214, 244

 190, 105, 73

 190, 220, 255

 190, 91, 54

 190, 223, 255

 190, 77, 35

 190, 63, 16

 190, 52, 0

Harmonies

Analogous

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



190, 172, 174



190, 174, 168



186, 182, 164

Triad

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



190, 174, 168



165, 175, 180



173, 176, 189

Complementary

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



190, 174, 168



168, 178, 190

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.



165, 173, 188



190, 174, 168



161, 171, 180

Square

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



190, 174, 168



166, 179, 173



161, 171, 184



181, 174, 186

Rectangle

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



190, 174, 168



172, 182, 163



161, 171, 184



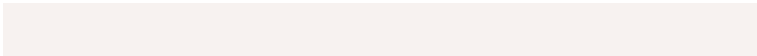
170, 175, 189

Sweetspot

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



190, 174, 168



247, 243, 240



190, 168, 186



125, 121, 120



252, 252, 252



125, 125, 125

Same Dimension

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



190, 174, 168



247, 222, 213



178, 190, 168



94, 88, 85



158, 43, 0



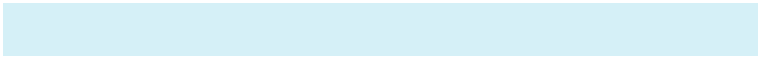
31, 9, 0

Inverse Universe

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



168, 178, 190



213, 228, 247



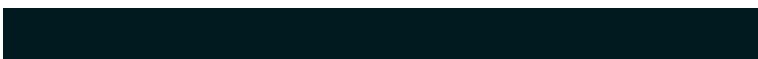
168, 173, 190



85, 89, 94



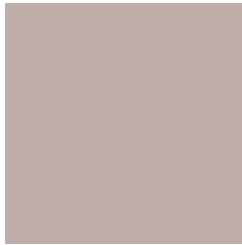
0, 69, 158



0, 14, 31

Previews

White Background



This preview shows how the RYB color 190, 174, 168 looks on a white background.

Color Contrast Check

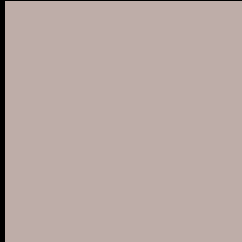
Large Text (above 18pt) WCAG AA × Fail

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 190, 174, 168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

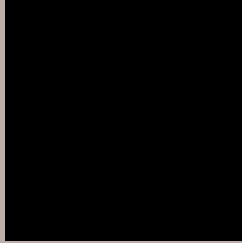
Any Text WCAG AA ✓ Pass

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 190, 174, 168 Background



This preview shows how black text looks on a background with the RYB color 190, 174, 168.



This preview shows how white text looks on a background with the RYB color 190, 174, 168.

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
190, 174, 168

Protanopia
179, 181, 170

Deuteranopia
196, 170, 168



Tritanopia

192, 170, 184

Trichromacy



Original Color

190, 174, 168

Protanomaly

184, 179, 169

Deuteranomaly

194, 171, 168

Tritanomaly

191, 171, 178

Monochromacy



Original Color

190, 174, 168

Achromatopsia

177, 177, 177

Achromatomaly

182, 175, 174

CSS Examples

Text

The CSS property to change the color of the text to RYB 190, 174, 168 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(190, 173, 168) looks like.

```
.text, #text, p{  
    color:rgb(190, 173, 168)  
}
```

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(190, 173, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 173, 168) }
```

Border

The CSS property to change the border of an element to RYB 190, 174, 168 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(190, 173, 168) }
```

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

```
.border{ border-color:rgb(190, 173, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 173, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 173, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 173, 168);  
box-shadow:4px 4px 4px 4px rgb(190, 173,  
168) }
```

Background

The CSS property to change the background color of an element to RYB 190, 174, 168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 173, 168) }
```

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

```
.background{ background-color: rgb(190,  
173, 168) }
```

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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