

Converting Colors

RGB(190, 169, 54)

Have a look what the booklet for
RGB(190, 169, 54) contains.

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Color

RGB(190, 169, 54)

Conversions

Conversions Part 1

Format	Color
Hex	BEA936
RGB	190, 169, 54
RGB Percent	75%, 66%, 21%
CMY	0.2549, 0.3373, 0.7882
CMYK	0.00, 0.11, 0.72, 0.25
HSL	51°, 56%, 48%
HSV	51°, 72%, 75%
XYZ	36.0890, 39.5894, 9.2295
YIQ	162.1690, 49.4310, -31.3130

Conversions

Conversions Part 2

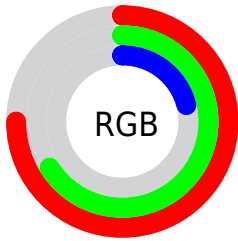
Format	Color
RYB	79, 190, 54
Decimal	12495158
CIELab	69.18, -5.08, 59.00
CIELCh	69, 59.218, 94.918
Yxy	39.5894, 0.4250, 0.4663
Android (android.graphics.Color)	4290685238 (0xFFBEA936)
YUV	162.1690, -53.3273, 24.4078
Hunter-Lab	62.9201, -7.7282, 35.3471

Details

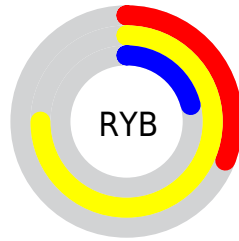
The RGB color **190, 169, 54** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **54, 75, 190**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **249, 224, 108**, and **133, 117, 0** is the 20% darker color. If you saturate the color by 10%, you get **190, 166, 35**, and if you desaturate by 10%, it is **190, 172, 73**.

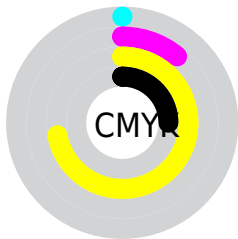
Distribution



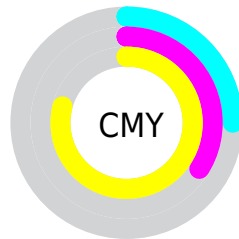
- Red (75%)
- Green (66%)
- Blue (21%)



- Red (31%)
- Yellow (75%)
- Blue (21%)



- Cyan (0%)
- Magenta (11%)
- Yellow (72%)
- Black (25%)























- Cyan (25%)
- Magenta (34%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the RGB color 190, 169, 54 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 RGB color 190, 169, 54 by changing the saturation by 10% instead.

 190, 169, 54	 190, 169, 54
 255, 255, 255	 161, 143, 24
 249, 224, 108	 133, 117, 0
 255, 252, 135	 105, 93, 0
 255, 255, 162	 79, 70, 0
 255, 255, 190	 52, 48, 0
 255, 255, 219	 28, 27, 0
 255, 255, 248	 0, 0, 0
 190, 169, 54	 190, 169, 54
 190, 166, 35	 190, 172, 73

■ 190, 163, 16

■ 190, 175, 92

■ 190, 161, 0

■ 190, 178, 111

■ 190, 181, 130

■ 190, 184, 149

■ 190, 187, 168

■ 190, 190, 187

■ 190, 192, 206

■ 190, 195, 225

Harmonies

Analogous

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



234, 149, 70



190, 169, 54



134, 183, 76

Triad

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



190, 169, 54



0, 194, 229



241, 130, 215

Complementary

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



190, 169, 54



54, 75, 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.



183, 151, 255



190, 169, 54



0, 186, 255

Square

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



190, 169, 54



0, 195, 176



75, 172, 255



255, 120, 162

Rectangle

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



190, 169, 54



85, 190, 104



75, 172, 255



226, 136, 231

Sweetspot

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



190, 169, 54



247, 239, 195



190, 54, 77



125, 120, 94



252, 252, 252



125, 125, 125

Same Dimension

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



190, 169, 54



247, 215, 35



145, 190, 54



94, 93, 85



158, 134, 0



31, 26, 0

Inverse Universe

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



54, 75, 190



35, 67, 247



99, 54, 190



85, 86, 94



0, 24, 158



0, 5, 31

Previews

White Background



This preview shows how the RGB color 190, 169, 54 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 RGB color 190, 169, 54 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](#).

RGB 190, 169, 54 Background



This preview shows how black text looks on a background with the RGB color 190, 169, 54.



This preview shows how white text looks on a background with the RGB color 190, 169, 54.

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, 169, 54

Protanopia
189, 169, 54

Deuteranopia
211, 160, 57



Tritanopia
199, 158, 170

Trichromacy



Original Color
190, 169, 54

Protanomaly
189, 169, 54

Deuteranomaly
203, 163, 56

Tritanomaly
196, 162, 128

Monochromacy



Original Color
190, 169, 54

Achromatopsia
162, 162, 162

Achromatomaly
172, 165, 123

CSS Examples

Text

The CSS property to change the color of the text to RGB 190, 169, 54 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, 169, 54)` looks like.

```
.text, #text, p{  
    color:rgb(190, 169, 54)  
}
```

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, 169, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 169, 54) }
```

Border

The CSS property to change the border of an element to RGB 190, 169, 54 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, 169, 54) }
```


Background

The CSS property to change the background color of an element to RGB 190, 169, 54 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 169, 54) }
```

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

```
.background{ background-color: rgb(190,  
169, 54) }
```

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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