Converting Colors

RGB(190, 88, 76)

Have a look what the booklet for RGB(190, 88, 76) contains.

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Color

RGB(190, 88, 76)

Conversions

Conversions Part 1

Format	Color
Hex	BE584C
RGB	190, 88, 76
RGB Percent	75%, 35%, 30%
CMY	0.2549, 0.6549, 0.7020
CMYK	0.00, 0.54, 0.60, 0.25
HSL	6°, 47%, 52%
HSV	6°, 60%, 75%
XYZ	26.0294, 18.4484, 9.0265
YIQ	117.1300, 64.6440, 17.8920

Conversions

Conversions Part 2

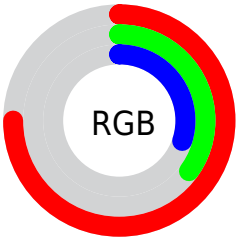
Format	Color
RYB	190, 89, 76
Decimal	12474444
CIELab	50.04, 40.06, 26.65
CIELCh	50, 48.115, 33.631
Yxy	18.4484, 0.4865, 0.3448
Android (android.graphics.Color)	4290664524 (0xFFBE584C)
YUV	117.1300, -20.2771, 63.9070
Hunter-Lab	42.9516, 33.0089, 17.6061

Details

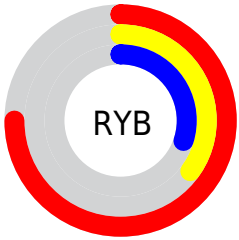
The RGB color 190, 88, 76 is a dark color, and the websafe version is hex CC6666. A complement of this color would be 76, 178, 190, and the grayscale version is 117, 117, 117.

A 20% lighter version of the original color is 250, 141, 125, and 131, 37, 32 is the 20% darker color. If you saturate the color by 10%, you get 190, 71, 57, and if you desaturate by 10%, it is 190, 105, 95.

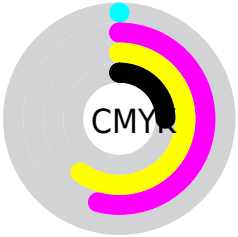
Distribution



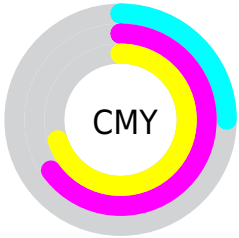
- Red (75%)
- Green (35%)
- Blue (30%)



- Red (75%)
- Yellow (35%)
- Blue (30%)



- Cyan (0%)
- Magenta (54%)
- Yellow (60%)
- Black (25%)



- Cyan (25%)
- Magenta (65%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the RGB color 190, 88, 76 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, 88, 76 by changing the saturation by 10% instead.

190, 88, 76	190, 88, 76
255, 255, 255	160, 62, 53
250, 141, 125	131, 37, 32
255, 168, 151	103, 5, 9
255, 196, 178	75, 0, 0
255, 224, 205	50, 0, 2
255, 253, 234	0, 0, 0

190, 88, 76	190, 88, 76
190, 71, 57	190, 105, 95
190, 54, 38	190, 122, 114

190, 37, 19

190, 20, 0

190, 139, 133

190, 156, 152

190, 173, 171

190, 190, 190

190, 207, 209

190, 224, 228

190, 241, 247

Harmonies

Analogous

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

193, 81, 116

190, 88, 76

169, 103, 44

Triad

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

190, 88, 76

25, 136, 81

33, 122, 201

Complementary

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

190, 88, 76

76, 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.

0, 133, 192

190, 88, 76

0, 139, 123

Square

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

190, 88, 76

94, 130, 46

0, 138, 163

127, 106, 187

Rectangle

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

190, 88, 76

148, 114, 32

0, 138, 163

0, 126, 200

Sweetspot

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

190, 88, 76

247, 208, 203

190, 76, 179

125, 100, 97

252, 252, 252

125, 125, 125

Same Dimension

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

190, 88, 76

247, 88, 69

190, 144, 76

94, 86, 85

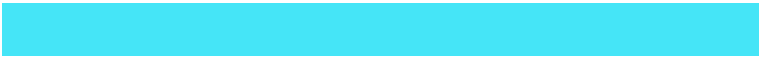
158, 17, 0

31, 3, 0

Inverse Universe

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

76, 178, 190



69, 229, 247

76, 122, 190

85, 93, 94

0, 141, 158

0, 27, 31

Previews

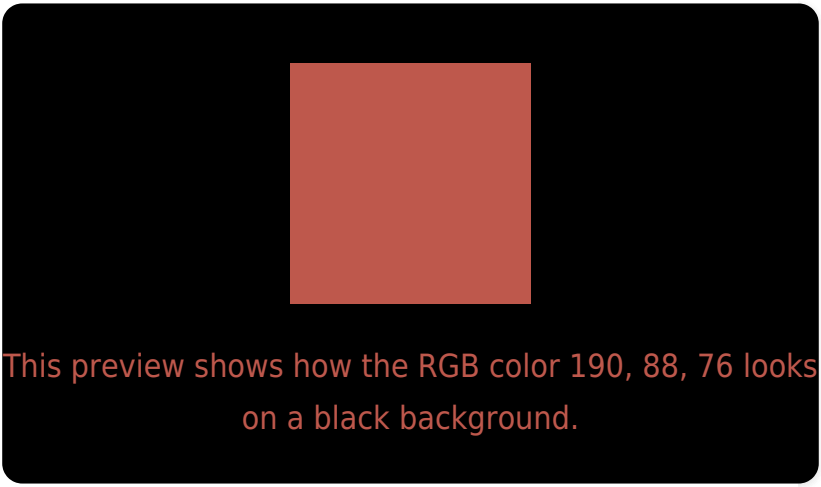
White Background

This preview shows how the RGB color 190, 88, 76 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

Black Background

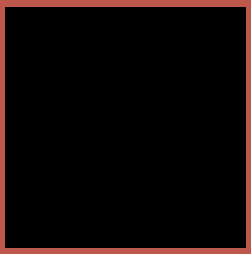


Color Contrast Check

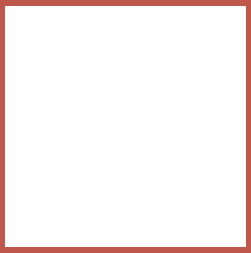
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✕ Fail

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 190, 88, 76 Background



This preview shows how black text looks on a background with the RGB color 190, 88, 76.



This preview shows how white text looks on a background with the RGB color 190, 88, 76.

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, 88, 76

Protanopia
128, 119, 89

Deuteranopia
145, 114, 71

Tritanopia
191, 86, 92

Trichromacy

Original Color
190, 88, 76

Protanomaly
151, 108, 84

Deuteranomaly
161, 105, 73

Tritanomaly
191, 87, 86

Monochromacy

Original Color
190, 88, 76

Achromatopsia
117, 117, 117

Achromatomaly
144, 106, 102

CSS Examples

Text

The CSS property to change the color of the text to RGB 190, 88, 76 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, 88, 76) looks like.

```
.text, #text, p{
    color:rgb(190, 88, 76)
}
```

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, 88, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 88, 76) }
```

Border

The CSS property to change the border of an element to RGB 190, 88, 76 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, 88, 76) }
```

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

```
.border{ border-color:rgb(190, 88, 76) }
```

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

Here you see how a box with a 4 pixel rgb(190, 88, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(190, 88, 76); -webkit-box-shadow:4px 4px 4px 4px rgb(190, 88, 76); box-shadow:4px 4px 4px 4px rgb(190, 88, 76) }
```

Background

The CSS property to change the background color of an element to RGB 190, 88, 76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(190, 88, 76) }
```

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

```
.background{ background-color:rgb(190, 88,
76) }
```

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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