Converting Colors

RGB(190, 173, 120)

Have a look what the booklet for RGB(190, 173, 120) contains.

Color

RGB(190, 173, 120)

Conversions

Conversions Part 1

Format	Color
Hex	BEAD78
RGB	190, 173, 120
RGB Percent	75%, 68%, 47%
CMY	0.2549, 0.3216, 0.5294
CMYK	0.00, 0.09, 0.37, 0.25
HSL	45°, 35%, 61%
HSV	45°, 37%, 75%
XYZ	39.5689, 42.1904, 23.8273
YIQ	172.0410, 27.1450, -12.8790

Conversions

Conversions Part 2

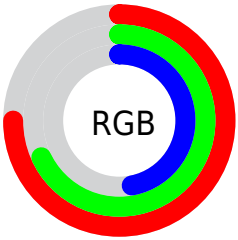
Format	Color
RYB	142, 190, 120
Decimal	12496248
CIELab	71.00, -1.66, 29.48
CIELCh	71, 29.528, 93.232
Yxy	42.1904, 0.3748, 0.3996
Android (android.graphics.Color)	4290686328 (0xFFBEAD78)
YUV	172.0410, -25.6562, 15.7500
Hunter-Lab	64.9541, -4.9305, 23.7183

Details

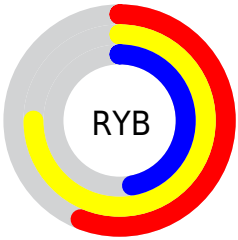
The RGB color 190, 173, 120 is a light color, and the websafe version is hex 999966. A complement of this color would be 120, 137, 190, and the grayscale version is 172, 172, 172.

A 20% lighter version of the original color is 247, 228, 173, and 135, 121, 71 is the 20% darker color. If you saturate the color by 10%, you get 190, 168, 101, and if you desaturate by 10%, it is 190, 178, 139.

Distribution

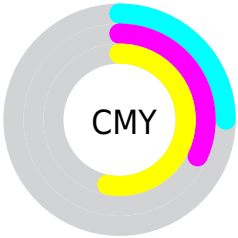


- Red (75%)
- Green (68%)
- Blue (47%)



- Red (56%)
- Yellow (75%)
- Blue (47%)

- Cyan (0%)
- Magenta (9%)
- Yellow (37%)
- Black (25%)



- Cyan (25%)
- Magenta (32%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RGB color 190, 173, 120 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, 173, 120 by changing the saturation by 10% instead.

190, 173, 120

255, 255, 255

247, 228, 173

255, 255, 200

255, 255, 229

190, 173, 120

162, 146, 95

135, 121, 71

109, 96, 47

84, 73, 25

60, 50, 0

36, 29, 0

1, 5, 0

0, 0, 0

190, 173, 120

190, 173, 120

190, 168, 101

190, 164, 82

190, 159, 63

190, 155, 44

190, 150, 25

190, 145, 6

190, 144, 0

190, 178, 139

190, 182, 158

190, 187, 177

190, 191, 196

190, 196, 215

190, 201, 234

190, 205, 253

190, 210, 255

190, 215, 255

Harmonies

Analogous

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

213, 164, 127

190, 173, 120

161, 181, 128

Triad

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

190, 173, 120

89, 188, 202

211, 158, 198

Complementary

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

190, 173, 120

120, 137, 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.

181, 166, 219

190, 173, 120

106, 183, 221

Square

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

190, 173, 120

101, 189, 176

143, 175, 227

226, 154, 172

Rectangle

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

190, 173, 120

140, 185, 141

143, 175, 227

202, 160, 206

Sweetspot

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

190, 173, 120

247, 241, 220

190, 120, 138

125, 121, 109

252, 252, 252

125, 125, 125

Same Dimension

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

190, 173, 120

247, 221, 139

173, 190, 120

94, 92, 85

158, 120, 0

31, 23, 0

Inverse Universe

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

120, 137, 190

139, 165, 247

138, 120, 190

85, 87, 94

0, 38, 158

0, 7, 31

Previews

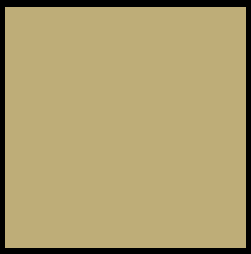
White Background

This preview shows how the RGB color 190, 173, 120 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



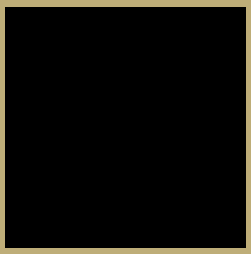
This preview shows how the RGB color 190, 173, 120 looks on a black background.

Color Contrast Check

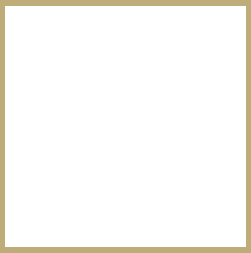
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

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

RGB 190, 173, 120 Background



This preview shows how black text looks on a background with the RGB color 190, 173, 120.



This preview shows how white text looks on a background with the RGB color 190, 173, 120.

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

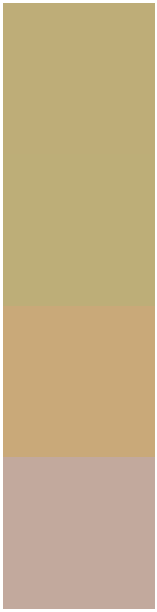
Original Color
190, 173, 120

Protanopia
188, 174, 120

Deuteranopia
207, 166, 121

Tritanopia
196, 166, 178

Trichromacy



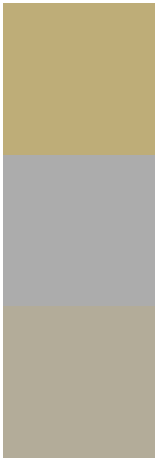
Original Color
190, 173, 120

Protanomaly
189, 174, 120

Deuteranomaly
201, 169, 121

Tritanomaly
194, 169, 157

Monochromacy



Original Color
190, 173, 120

Achromatopsia
172, 172, 172

Achromatomaly
179, 172, 153

CSS Examples

Text

The CSS property to change the color of the text to RGB 190, 173, 120 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, 120) looks like.

```
.text, #text, p{
    color:rgb(190, 173, 120)
}
```

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, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 173, 120) }
```

Border

The CSS property to change the border of an element to RGB 190, 173, 120 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, 120) }
```

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

```
.border{ border-color:rgb(190, 173, 120) }
```

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, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(190, 173, 120); -webkit-box-shadow:4px 4px 4px 4px rgb(190, 173, 120); box-shadow:4px 4px 4px 4px rgb(190, 173, 120) }
```

Background

The CSS property to change the background color of an element to RGB 190, 173, 120 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, 120) }
```

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

```
.background{ background-color:rgb(190,
173, 120) }
```

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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