

Converting Colors

YIQ(173.3620, 47.8700,
-19.5380)

Have a look what the booklet for
YIQ(173.3620, 47.8700, -19.5380)
contains.

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Color

**YIQ(173.3620, 47.8700,
-19.5380)**

Conversions

Conversions Part 1

Format	Color
Hex	CFAD57
RGB	207, 173, 87
RGB Percent	81%, 68%, 34%
CMY	0.1882, 0.3216, 0.6586
CMYK	0.00, 0.16, 0.58, 0.19
HSL	43°, 56%, 58%
HSV	43°, 58%, 81%
XYZ	42.3978, 43.8372, 15.2577
YIQ	173.3620, 47.8700, -19.5380

Conversions

Conversions Part 2

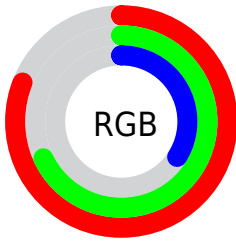
Format	Color
RYB	134, 207, 87
Decimal	13610327
CIELab	72.12, 2.21, 48.05
CIELCh	72, 48.099, 87.365
Yxy	43.8372, 0.4177, 0.4319
Android (android.graphics.Color)	4291800407 (0xFFCFAD57)
YUV	173.3620, -42.5765, 29.5005
Hunter-Lab	66.2096, -1.5631, 32.6837

Details

The YIQ color **173.3620, 47.8700, -19.5380** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **120.6380, -47.8700, 19.5380**, and the grayscale version is **174.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **225.9270, 44.6610, -21.9550**, and **119.9810, 44.5690, -20.2870** is the 20% darker color. If you saturate the color by 10%, you get **167.4460, 56.2610, -22.9310**, and if you desaturate by 10%, it is **179.2780, 39.4790, -16.1450**.

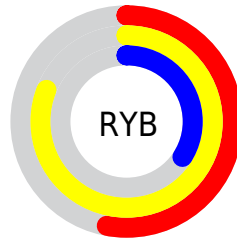
Distribution



Red (81%)

Green (68%)

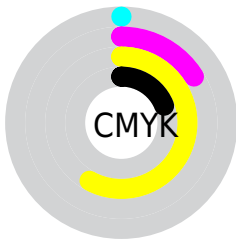
Blue (34%)



Red (53%)

Yellow (81%)

Blue (34%)

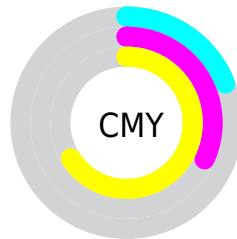


Cyan (0%)

Magenta (16%)

Yellow (58%)

Black (19%)



Cyan (19%)

Magenta (32%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 173.3620, 47.8700, -19.5380 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 YIQ color 173.3620, 47.8700, -19.5380 by changing the saturation by 10% instead.

■ 173.3620, 47.8700,
-19.5380

■ 173.3620, 47.8700,
-19.5380

255.0000, -0.0000,
-0.0000

■ 146.5790, 45.7610,
-19.8630

■ 225.9270, 44.6610,
-21.9550

■ 119.9810, 44.5690,
-20.2870

■ 244.8540, 28.5690,
-27.6790

■ 93.4000, 44.7070,
-22.7890

■ 248.0460, 19.5810,
-18.9710

■ 71.2560, 36.5450,
-18.0390

■ 251.2380, 10.5930,
-10.2630

■ 50.5680, 27.0990,
-12.0450

■ 254.5440, 1.2840,
-1.2440

■ 30.4670, 17.3780,
-6.5740

■ 8.3060, 7.8860,

0.2540

■ 0.0000, 0.0000,
0.0000

■ 173.3620, 47.8700,
-19.5380

■ 173.3620, 47.8700,
-19.5380

■ 167.4460, 56.2610,
-22.9310

■ 179.2780, 39.4790,
-16.1450

■ 161.6440, 64.3310,
-26.0130

■ 185.0800, 31.4090,
-13.0630

■ 155.7280, 72.7220,
-29.4060

■ 190.9960, 23.0180,
-9.6700

■ 150.3990, 80.8380,
-33.3220

■ 196.3250, 14.9020,
-5.7540

■ 148.7690, 82.6720,
-33.5200

■ 202.2410, 6.5110,
-2.3610

■ 208.0430, -1.5590,
0.7210

■ 213.9590, -9.9500,
4.1140

■ 219.8750,
-18.3410, 7.5070

■ 223.6250,
-20.6330, 4.9910

Harmonies

Analogous

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



176.0740, 67.0770, 1.3250



173.3620, 47.8700, -19.5380



168.8630, 15.1820, -32.8660

Triad

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



173.3620, 47.8700, -19.5380



141.4370, -124.0610, -36.9010



181.8720, 22.4130, 39.8610

Complementary

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



173.3620, 47.8700, -19.5380



120.6380, -47.8700, 19.5380

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.



179.1250, -24.0760, 28.8520



173.3620, 47.8700, -19.5380



141.7910, -133.3250, -23.1890

Square

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



173.3620, 47.8700, -19.5380



136.3070, -109.6160, -50.8960



164.2980, -76.7520, 3.3120



179.7600, 54.7830, 36.9190

Rectangle

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



173.3620, 47.8700, -19.5380



164.6730, -13.7020, -38.0380



164.2980, -76.7520, 3.3120



182.2770, 7.9710, 37.2750

Sweetspot

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



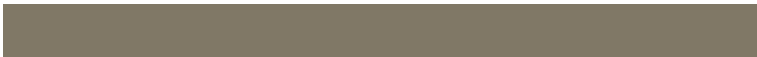
173.3620, 47.8700, -19.5380



243.0540, 17.1030, -7.0970



126.9840, 59.9640, 36.6360



120.3400, 10.5460, -3.9020



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



173.3620, 47.8700, -19.5380



204.7710, 71.1630, -28.6850



186.1440, 24.2160, -42.4080



101.9850, 4.3560, -1.8520



121.2590, 66.8530, -27.6670



29.2820, 16.4610, -6.4750

Inverse Universe

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



120.6380, -47.8700, 19.5380



126.6420, -70.8880, 29.2080



107.8560, -24.2160, 42.4080



97.0150, -4.3560, 1.8520



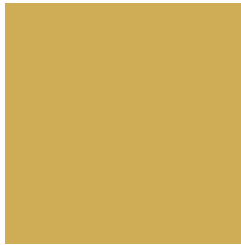
47.3280, -67.1280, 27.1440



11.7180, -16.4610, 6.4750

Previews

White Background



This preview shows how the YIQ color 173.3620, 47.8700, -19.5380 looks on a white background.

Color Contrast Check

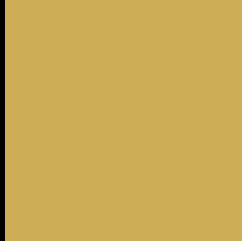
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 173.3620, 47.8700, -19.5380 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](#).

YIQ 173.3620, 47.8700, -19.5380

Background



This preview shows how black text looks on a background with the YIQ color 173.3620, 47.8700, -19.5380.



This preview shows how white text looks on a background with the YIQ color 173.3620, 47.8700, -19.5380.

-19.5380.

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

173.3620, 47.8700, -19.5380

Protanopia

172.5350, 39.8930, -23.6510

Deuteranopia

174.4170, 55.2050, -14.8030



Tritanopia

180.0300, 26.8190, 15.0670

Trichromacy



Original Color

173.3620, 47.8700, -19.5380

Protanomaly

173.1440, 42.5520, -22.2800

Deuteranomaly

173.8080, 52.5460, -16.1740

Tritanomaly

177.8330, 34.2030, 2.3870

Monochromacy



Original Color

173.3620, 47.8700, -19.5380

Achromatopsia

173.0000, -0.0000, 0.0000

Achromatomaly

173.0540, 17.1030, -7.0970

CSS Examples

Text

The CSS property to change the color of the text to YIQ 173.3620, 47.8700, -19.5380 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(207, 173, 87)` looks like.

```
.text, #text, p{  
    color:rgb(207, 173, 87)  
}
```

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(207, 173, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 173, 87) }
```

Border

The CSS property to change the border of an element to YIQ 173.3620, 47.8700, -19.5380 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(207, 173, 87) }
```


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

```
.border{ border-color:rgb(207, 173, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 173, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 173, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 173, 87);  
box-shadow:4px 4px 4px 4px rgb(207, 173,  
87) }
```

Background

The CSS property to change the background color of an element to YIQ 173.3620, 47.8700, -19.5380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 173, 87) }
```

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

```
.background{ background-color: rgb(207,  
173, 87) }
```

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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