

Converting Colors

YIQ(175.3150, 38.0570,
-12.3990)

Have a look what the booklet for
YIQ(175.3150, 38.0570, -12.3990)
contains.

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Color

**YIQ(175.3150, 38.0570,
-12.3990)**

Conversions

Conversions Part 1

Format	Color
Hex	CCAD70
RGB	204, 173, 112
RGB Percent	80%, 68%, 44%
CMY	0.2000, 0.3216, 0.5606
CMYK	0.00, 0.15, 0.45, 0.20
HSL	40°, 47%, 62%
HSV	40°, 45%, 80%
XYZ	42.7728, 43.8917, 21.5616
YIQ	175.3150, 38.0570, -12.3990

Conversions

Conversions Part 2

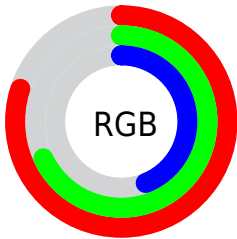
Format	Color
RYB	159, 204, 112
Decimal	13413744
CIELab	72.16, 3.18, 35.42
CIELCh	72, 35.561, 84.875
Yxy	43.8917, 0.3952, 0.4056
Android (android.graphics.Color)	4291603824 (0xFFCCAD70)
YUV	175.3150, -31.2143, 25.1567
Hunter-Lab	66.2508, -0.6958, 27.0794

Details

The YIQ color **175.3150, 38.0570, -12.3990** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **140.6850, -38.0570, 12.3990**, and the grayscale version is **176.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **228.8910, 36.3150, -13.8690**, and **122.4610, 34.7100, -12.3140** is the 20% darker color. If you saturate the color by 10%, you get **168.9260, 46.4020, -14.9580**, and if you desaturate by 10%, it is **181.7040, 29.7120, -9.8400**.

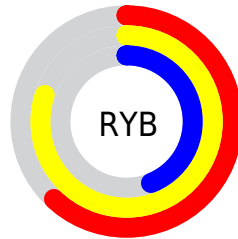
Distribution



Red (80%)

Green (68%)

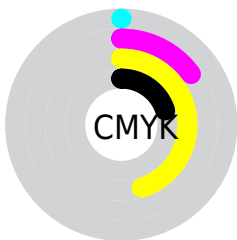
Blue (44%)



Red (62%)

Yellow (80%)

Blue (44%)

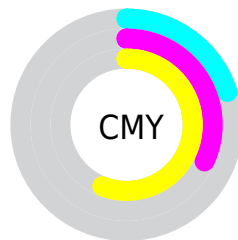


Cyan (0%)

Magenta (15%)

Yellow (45%)

Black (20%)



Cyan (20%)


Magenta (32%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 175.3150, 38.0570, -12.3990 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 175.3150, 38.0570, -12.3990 by changing the saturation by 10% instead.


 175.3150, 38.0570,
-12.3990


 175.3150, 38.0570,
-12.3990


255.0000, -0.0000,
-0.0000


 148.2440, 36.8190,
-11.9890


 228.8910, 36.3150,
-13.8690


 122.4610, 34.7100,
-12.3140


 247.8180, 20.2230,
-19.5930


 96.9770, 33.1970,
-12.4270

 251.0100, 11.2350,
-10.8850

 72.9660, 31.7300,
-13.3740

 254.3160, 1.9260,
-1.8660

 50.2800, 27.9700,
-11.3100

 30.1790, 18.2490,
-5.8390

 8.3170, 9.3530,

1.2010

■ 0.0000, 0.0000,
0.0000

■ 175.3150, 38.0570,
-12.3990

■ 175.3150, 38.0570,
-12.3990

■ 168.9260, 46.4020,
-14.9580

■ 181.7040, 29.7120,
-9.8400

■ 162.4230, 55.0680,
-17.8280

■ 188.2070, 21.0460,
-6.9700

■ 156.0340, 63.4130,
-20.3870

■ 194.5960, 12.7010,
-4.4110

■ 149.5310, 72.0790,
-23.2570

■ 201.0990, 4.0350,
-1.5410

■ 143.7290, 80.1490,
-26.3390

■ 206.9010, -4.0350,
1.5410

■ 140.2410, 84.4590,
-27.3570

■ 213.2900,
-12.3800, 4.1000

■ 219.7930,
-21.0460, 6.9700

■ 223.9020,
-22.9710, 3.3090

■ 228.0110,
-24.8960, -0.3520

Harmonies

Analogous

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



177.8150, 51.8090, 2.6970



175.3150, 38.0570, -12.3990



171.8880, 14.0340, -23.0700

Triad

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



175.3150, 38.0570, -12.3990



154.9600, -82.7530, -25.6090



181.5300, 14.2080, 28.8640

Complementary

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



175.3150, 38.0570, -12.3990



140.6850, -38.0570, 12.3990

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.



179.0080, -19.6730, 20.6390



175.3150, 38.0570, -12.3990



159.4630, -82.2510, -12.6750

Square

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



175.3150, 38.0570, -12.3990



161.0650, -52.4920, -28.8760



171.0850, -54.1030, 5.8410



181.3510, 39.5170, 27.2370

Rectangle

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



175.3150, 38.0570, -12.3990



168.8300, -6.4140, -26.9420



171.0850, -54.1030, 5.8410



181.2020, 3.3880, 26.7160

Sweetspot

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



175.3150, 38.0570, -12.3990



243.8520, 14.8560, -4.9200



143.1560, 44.5600, 29.4560



120.7960, 9.2620, -2.6580



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.



175.3150, 38.0570, -12.3990



212.2660, 56.9480, -18.8600



189.3260, 21.1880, -31.5800



99.0990, 4.0350, -1.5410



114.2040, 68.6860, -22.3380



26.0370, 15.7730, -5.0190

Inverse Universe

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



140.6850, -38.0570, 12.3990



160.3210, -57.2230, 18.3370



126.6740, -21.1880, 31.5800



94.9010, -4.0350, 1.5410



51.7960, -68.6860, 22.3380



11.9630, -15.7730, 5.0190

Previews

White Background



This preview shows how the YIQ color 175.3150, 38.0570, -12.3990 looks on a white background.

Color Contrast Check

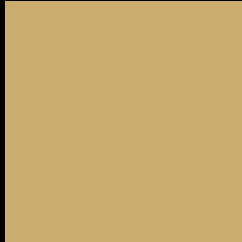
Large Text (above 18pt) WCAG AA × Fail

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 175.3150, 38.0570, -12.3990 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 175.3150, 38.0570, -12.3990

Background



This preview shows how black text looks on a background with the YIQ color 175.3150, 38.0570, -12.3990.



This preview shows how white text looks on a background with the YIQ color 175.3150, 38.0570,

-12.3990.

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

175.3150, 38.0570, -12.3990

Protanopia

174.6020, 29.7590, -16.2010

Deuteranopia

175.7720, 44.2000, -8.0880



Tritanopia

179.9370, 22.6470, 13.5830

Trichromacy



Original Color

175.3150, 38.0570, -12.3990

Protanomaly

175.0970, 32.7390, -15.1410

Deuteranomaly

175.4620, 42.1370, -9.2470

Tritanomaly

178.3640, 28.3340, 4.1260

Monochromacy



Original Color

175.3150, 38.0570, -12.3990

Achromatopsia

175.0000, -0.0000, -0.0000

Achromatomaly

175.0800, 14.2140, -4.2980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 175.3150, 38.0570, -12.3990 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(204, 173, 112)` looks like.

```
.text, #text, p{  
    color:rgb(204, 173, 112)  
}
```

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(204, 173, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 173, 112) }
```

Border

The CSS property to change the border of an element to YIQ 175.3150, 38.0570, -12.3990 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(204, 173, 112) }
```


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

```
.border{ border-color:rgb(204, 173, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 173, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 173, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 173, 112);  
box-shadow:4px 4px 4px 4px rgb(204, 173,  
112) }
```

Background

The CSS property to change the background color of an element to YIQ 175.3150, 38.0570, -12.3990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 173, 112) }
```

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

```
.background{ background-color: rgb(204,  
173, 112) }
```

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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