

Converting Colors

YIQ(147.3890, 61.5760, -3.6080)

Have a look what the booklet for
YIQ(147.3890, 61.5760, -3.6080)
contains.

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Color

**YIQ(147.3890, 61.5760,
-3.6080)**

Conversions

Conversions Part 1

Format	Color
Hex	CC8549
RGB	204, 133, 73
RGB Percent	80%, 52%, 29%
CMY	0.1999, 0.4785, 0.7134
CMYK	0.00, 0.35, 0.64, 0.20
HSL	27°, 56%, 54%
HSV	27°, 64%, 80%
XYZ	34.4995, 30.0910, 10.3060
YIQ	147.3890, 61.5760, -3.6080

Conversions

Conversions Part 2

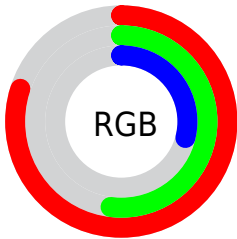
Format	Color
R _Y B	204, 184, 73
Decimal	13403465
CIE Lab	61.73, 21.61, 42.88
CIE LCh	62, 48.014, 63.249
Yxy	30.0910, 0.4606, 0.4018
Android (android.graphics.Color)	4291593545 (0xFFCC8549)
YUV	147.3890, -36.6738, 49.6478
Hunter-Lab	54.8552, 16.2654, 27.2594

Details

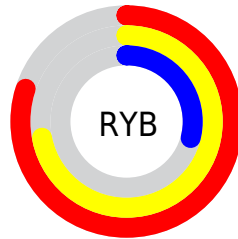
The YIQ color **147.3890, 61.5760, -3.6080** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **129.6110, -61.5760, 3.6080**, and the grayscale version is **148.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **199.4490, 61.3470, -4.9650**, and **95.1110, 56.4870, -4.9930** is the 20% darker color. If you saturate the color by 10%, you get **138.6520, 71.0210, -4.0750**, and if you desaturate by 10%, it is **156.1260, 52.1310, -3.1410**.

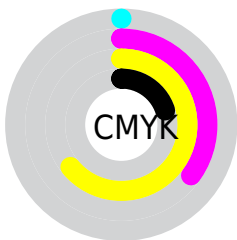
Distribution



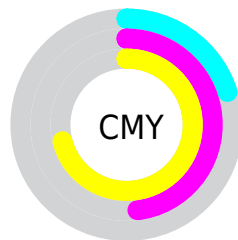
- Red (80%)
- Green (52%)
- Blue (29%)



- Red (80%)
- Yellow (72%)
- Blue (29%)



- Cyan (0%)
- Magenta (35%)
- Yellow (64%)
- Black (20%)





- Cyan (20%)
- Magenta (48%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 147.3890, 61.5760, -3.6080 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 147.3890, 61.5760, -3.6080 by changing the saturation by 10% instead.


 147.3890, 61.5760,
-3.6080


 147.3890, 61.5760,
-3.6080


255.0000, -0.0000,
-0.0000


 121.3070, 58.8710,
-4.1450


 199.5630, 61.0260,
-4.6540


 95.1110, 56.4870,
-4.9930


 218.9630, 44.9800,
-11.2120


 69.6160, 53.5070,
-6.0530


 239.0640, 28.3380,
-17.9820

 48.6290, 43.4650,
-0.2710

 249.3000, 16.0500,
-15.5500

 27.3430, 32.8270,
5.2990

 252.4920, 7.0620,
-6.8420

 11.6610, 23.2440,
8.2680

 0.0000, 0.0000,

0.0000

■ 147.3890, 61.5760,
-3.6080

■ 147.3890, 61.5760,
-3.6080

■ 138.6520, 71.0210,
-4.0750

■ 156.1260, 52.1310,
-3.1410

■ 129.8010, 80.7870,
-4.8530

■ 164.9770, 42.3650,
-2.3630

■ 121.0640, 90.2320,
-5.3200

■ 173.7140, 32.9200,
-1.8960

■ 115.5870, 96.0090,
-5.3910

■ 182.5650, 23.1540,
-1.1180

■ 191.3020, 13.7090,
-0.6510

■ 200.0390, 4.2640,
-0.1840

■ 208.8900, -5.5020,
0.5940

■ 218.2140,
-15.2220, 0.5380

■ 226.8370,
-24.3460, 0.6940

Harmonies

Analogous

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



148.5110, 67.9450, 18.6410



147.3890, 61.5760, -3.6080



144.3610, 40.4430, -22.6050

Triad

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



147.3890, 61.5760, -3.6080



117.2320, -95.8630, -41.3270



152.1540, -13.8520, 30.7880

Complementary

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



147.3890, 61.5760, -3.6080



129.6110, -61.5760, 3.6080

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.



139.5210, -69.8300, 10.0260



147.3890, 61.5760, -3.6080



121.3190, -108.7490, -28.0530

Square

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



147.3890, 61.5760, -3.6080



130.4880, -40.9820, -39.2380



121.8040, -117.0040, -16.1080



153.1670, 28.8320, 39.1680

Rectangle

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



147.3890, 61.5760, -3.6080



141.9560, 19.3540, -31.3820



121.8040, -117.0040, -16.1080



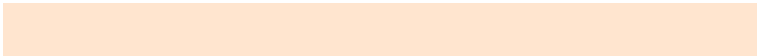
149.8960, -30.8610, 25.1630

Sweetspot

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



147.3890, 61.5760, -3.6080



234.2660, 22.5580, -1.3300



120.3770, 54.9640, 50.1640



115.1880, 14.0300, -0.9620



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.



147.3890, 61.5760, -3.6080



169.8470, 92.3410, -4.9950



184.9570, 43.9760, -37.0800



97.3380, 4.8600, 0.0280



94.2460, 78.0360, -4.5560



21.3410, 17.9730, -0.8350

Inverse Universe

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



129.6110, -61.5760, 3.6080



143.5660, -92.0660, 5.5180



92.0430, -43.9760, 37.0800



96.0750, -4.5850, 0.4950



71.7540, -78.0360, 4.5560



16.6590, -17.9730, 0.8350

Previews

White Background



This preview shows how the YIQ color 147.3890, 61.5760, -3.6080 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 147.3890, 61.5760, -3.6080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

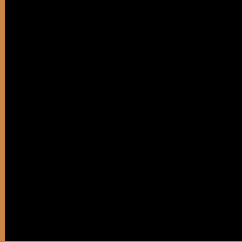
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 147.3890, 61.5760, -3.6080

Background



This preview shows how black text looks on a background with the YIQ color 147.3890, 61.5760, -3.6080.



This preview shows how white text looks on a background with the YIQ color 147.3890, 61.5760, -3.6080.

-3.6080.

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

147.3890, 61.5760, -3.6080

Protanopia

146.3910, 31.7310, -18.9010

Deuteranopia

146.7630, 48.4190, -12.9650



Tritanopia

151.5440, 45.9830, 20.1830

Trichromacy



Original Color

147.3890, 61.5760, -3.6080

Protanomaly

146.8270, 42.3670, -13.4170

Deuteranomaly

147.2090, 53.0950, -9.6010

Tritanomaly

150.3840, 51.9450, 11.2490

Monochromacy



Original Color

147.3890, 61.5760, -3.6080

Achromatopsia

147.0000, -0.0000, 0.0000

Achromatomaly

147.2660, 22.5580, -1.3300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 147.3890, 61.5760, -3.6080 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, 133, 73)` looks like.

```
.text, #text, p{  
    color:rgb(204, 133, 73)  
}
```

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, 133, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 133, 73) }
```

Border

The CSS property to change the border of an element to YIQ 147.3890, 61.5760, -3.6080 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, 133, 73) }
```


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

```
.border{ border-color:rgb(204, 133, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 133, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 133, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 133, 73);  
box-shadow:4px 4px 4px 4px rgb(204, 133,  
73) }
```

Background

The CSS property to change the background color of an element to YIQ 147.3890, 61.5760, -3.6080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 133, 73) }
```

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

```
.background{ background-color: rgb(204,  
133, 73) }
```

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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