

Converting Colors

YIQ(148.8670, 106.7840,
-7.9360)

Have a look what the booklet for
YIQ(148.8670, 106.7840, -7.9360)
contains.

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Color

**YIQ(148.8670, 106.7840,
-7.9360)**

Conversions

Conversions Part 1

Format	Color
Hex	F67D11
RGB	246, 125, 17
RGB Percent	96%, 49%, 7%
CMY	0.0351, 0.5100, 0.9328
CMYK	0.00, 0.49, 0.93, 0.04
HSL	28°, 93%, 52%
HSV	28°, 93%, 96%
XYZ	45.4551, 34.2982, 4.7601
YIQ	148.8670, 106.7840, -7.9360

Conversions

Conversions Part 2

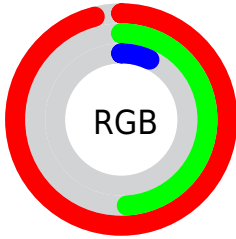
Format	Color
R _Y B	246, 221, 17
Decimal	16153873
CIE Lab	65.20, 41.01, 69.54
CIE LCh	65, 80.735, 59.469
Yxy	34.2982, 0.5378, 0.4058
Android (android.graphics.Color)	4294343953 (0xFFFF67D11)
YUV	148.8670, -65.0104, 85.1856
Hunter-Lab	58.5646, 36.0552, 36.1762

Details

The YIQ color **148.8670, 106.7840, -7.9360** is a dark color, and the websafe version is hex **FF9933**. The color can be described as dark washed orange. A complement of this color would be **114.1330, -106.7840, 7.9360**, and the grayscale version is **149.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **190.2100, 77.7170, -15.2990**, and **97.2690, 88.3970, 0.4050** is the 20% darker color. If you saturate the color by 10%, you get **141.6460, 114.7160, -8.5160**, and if you desaturate by 10%, it is **159.3480, 95.1840, -6.9600**.

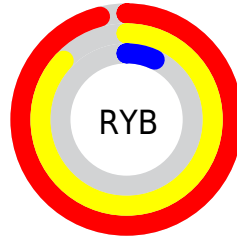
Distribution



Red (96%)

Green (49%)

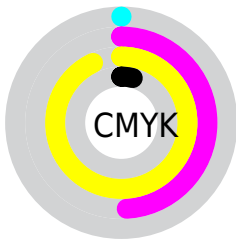
Blue (7%)



Red (96%)

Yellow (87%)

Blue (7%)

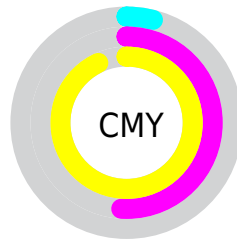


Cyan (0%)

Magenta (49%)

Yellow (93%)

Black (4%)



Cyan (4%)

Magenta (51%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 148.8670, 106.7840, -7.9360 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 148.8670, 106.7840, -7.9360 by changing the saturation by 10% instead.

148.8670,
106.7840, -7.9360

148.8670,
106.7840, -7.9360

255.0000, -0.0000,
-0.0000

122.0990,
100.3190, -6.4090

190.2100, 77.7170,
-15.2990

97.2690, 88.3970,
0.4050

209.7240, 61.3500,
-21.5460

73.3250, 76.7960,
6.9080

229.9390, 44.3870,
-28.0050

47.6200, 66.0200,
14.9800

244.1700, 30.4950,
-29.5450

26.9100, 53.6400,
19.0800

247.3620, 21.5070,
-20.8370

18.5380, 36.9520,
13.1440

250.6680, 12.1980,

10.2800, 19.9430,

-11.8180

7.5190

253.9740, 2.8890,
-2.7990

0.0000, 0.0000,
0.0000

148.8670,
106.7840, -7.9360

148.8670,
106.7840, -7.9360

141.6460,
114.7160, -8.5160

159.3480, 95.1840,
-6.9600

169.7150, 83.9050,
-6.2950

180.1960, 72.3050,
-5.3190

190.6770, 60.7050,
-4.3430

201.0440, 49.4260,
-3.6780

■ 211.5250, 37.8260,
-2.7020

■ 221.8920, 26.5470,
-2.0370

■ 232.3730, 14.9470,
-1.0610

■ 242.8540, 3.3470,
-0.0850

Harmonies

Analogous

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



139.5630, 97.6980, 35.6020



148.8670, 106.7840, -7.9360



148.0940, 71.2110, -40.5730

Triad

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



148.8670, 106.7840, -7.9360



129.2000, -102.0050, -51.1650



155.2140, -31.2760, 38.1960

Complementary

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



148.8670, 106.7840, -7.9360



114.1330, -106.7840, 7.9360

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.



127.6860, -128.0550, -8.5590



148.8670, 106.7840, -7.9360



137.5220, -125.4380, -28.4620

Square

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



148.8670, 106.7840, -7.9360



117.6010, -76.2340, -72.1860



137.0780, -132.4550, -16.9270



158.7940, 41.3890, 70.4210

Rectangle

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



148.8670, 106.7840, -7.9360



142.8570, 40.5410, -57.4350



137.0780, -132.4550, -16.9270



144.6280, -68.2730, 20.3590

Sweetspot

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



148.8670, 106.7840, -7.9360



224.6000, 33.2410, -2.2070



99.3790, 97.3220, 86.4900



109.4830, 20.4490, -1.6550



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.



148.8670, 106.7840, -7.9360



146.6850, 118.9800, -8.7000



215.1980, 75.7090, -67.0350



117.1100, 5.5020, -0.5940



107.2700, 86.6560, -6.5920



34.0770, 27.4640, -2.1360

Inverse Universe

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



114.1330, -106.7840, 7.9360



108.3150, -118.9800, 8.7000



47.8020, -75.7090, 67.0350



115.4770, -5.7770, 0.0710



78.7300, -86.6560, 6.5920



24.9230, -27.4640, 2.1360

Previews

White Background



This preview shows how the YIQ color 148.8670, 106.7840, -7.9360 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 148.8670, 106.7840, -7.9360 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 148.8670, 106.7840, -7.9360

Background



This preview shows how black text looks on a background with the YIQ color 148.8670, 106.7840, -7.9360.



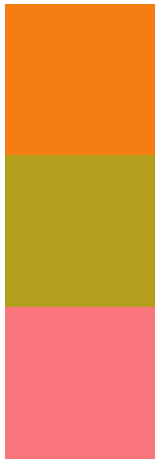
This preview shows how white text looks on a background with the YIQ color 148.8670, 106.7840, -7.9360.

-7.9360.

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

148.8670, 106.7840, -7.9360

Protanopia

150.0460, 53.9710, -36.5010

Tritanopia

156.9780, 77.2960, 30.8960

Trichromacy



Original Color

148.8670, 106.7840, -7.9360

Protanomaly

149.7220, 72.8590, -26.3810

Tritanomaly

153.9940, 88.3940, 16.9860

Monochromacy



Original Color

148.8670, 106.7840, -7.9360

Achromatopsia

149.0000, 0.0000, -0.0000

Achromatomaly

148.7100, 38.7430, -2.8010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 148.8670, 106.7840, -7.9360 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(246, 125, 17)` looks like.

```
.text, #text, p{  
    color:rgb(246, 125, 17)  
}
```

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(246, 125, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 125, 17) }
```

Border

The CSS property to change the border of an element to YIQ 148.8670, 106.7840, -7.9360 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(246, 125, 17) }
```

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

```
.border{ border-color:rgb(246, 125, 17) }
```

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

Here you see how a box with a 4 pixel rgb(246, 125, 17) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 125, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 125, 17);  
box-shadow:4px 4px 4px 4px rgb(246, 125,  
17) }
```


Background

The CSS property to change the background color of an element to YIQ 148.8670, 106.7840, -7.9360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 125, 17) }
```

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

```
.background{ background-color: rgb(246,  
125, 17) }
```

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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