

Converting Colors

YIQ(174.7310, 77.8080,
-11.4400)

Have a look what the booklet for
YIQ(174.7310, 77.8080, -11.4400)
contains.

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Color

**YIQ(174.7310, 77.8080,
-11.4400)**

Conversions

Conversions Part 1

Format	Color
Hex	F2A145
RGB	242, 161, 69
RGB Percent	95%, 63%, 27%
CMY	0.0508, 0.3687, 0.7290
CMYK	0.00, 0.33, 0.71, 0.05
HSL	32°, 87%, 61%
HSV	32°, 71%, 95%
XYZ	50.4459, 44.7920, 11.6329
YIQ	174.7310, 77.8080, -11.4400

Conversions

Conversions Part 2

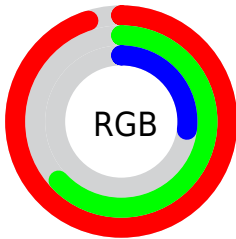
Format	Color
R _Y B	221, 242, 69
Decimal	15900997
CIE Lab	72.75, 22.26, 58.12
CIE LCh	73, 62.241, 69.044
Yxy	44.7920, 0.4720, 0.4191
Android (android.graphics.Color)	4294091077 (0xFFFF2A145)
YUV	174.7310, -52.1254, 58.9949
Hunter-Lab	66.9268, 17.4219, 36.5432

Details

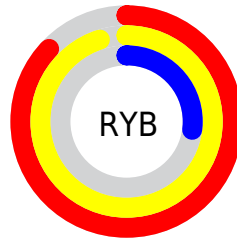
The YIQ color **174.7310, 77.8080, -11.4400** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **136.2690, -77.8080, 11.4400**, and the grayscale version is **175.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **216.9450, 53.4180, -20.9660**, and **119.1280, 75.0120, -15.8360** is the 20% darker color. If you saturate the color by 10%, you get **165.5380, 88.5370, -13.1510**, and if you desaturate by 10%, it is **183.9240, 67.0790, -9.7290**.

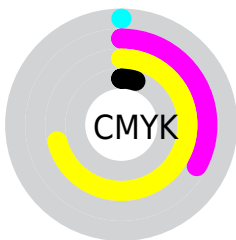
Distribution



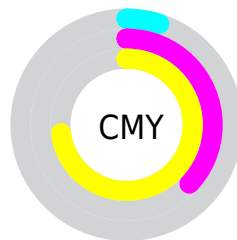
- Red (95%)
- Green (63%)
- Blue (27%)



- Red (87%)
- Yellow (95%)
- Blue (27%)



- Cyan (0%)
- Magenta (33%)
- Yellow (71%)
- Black (5%)



- Cyan (5%)
- Magenta (37%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 174.7310, 77.8080, -11.4400 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 174.7310, 77.8080, -11.4400 by changing the saturation by 10% instead.

174.7310, 77.8080,
-11.4400

174.7310, 77.8080,
-11.4400

255.0000, -0.0000,
-0.0000

147.1220, 75.1490,
-12.8110

216.9450, 53.4180,
-20.9660

119.2420, 74.6910,
-15.5250

236.4590, 37.0510,
-27.2130

95.0440, 66.6210,
-12.4430

245.9940, 25.3590,
-24.5690

72.2850, 55.9370,
-6.0390

249.1860, 16.3710,
-15.8610

50.7000, 44.7030,
-0.6810

252.4920, 7.0620,
-6.8420

29.4140, 34.0650,
4.8890

12.2590, 24.4360,

8.6920

■ 0.0000, 0.0000,
0.0000

■ 174.7310, 77.8080,
-11.4400

■ 174.7310, 77.8080,
-11.4400

■ 165.5380, 88.5370,
-13.1510

■ 183.9240, 67.0790,
-9.7290

■ 155.7580, 99.5410,
-14.3390

■ 193.8180, 55.7540,
-8.2300

■ 148.0810,
108.7570, -16.1630

■ 203.0110, 45.0250,
-6.5190

■ 212.2040, 34.2960,
-4.8080

■ 221.9840, 23.2920,
-3.6200

■ 231.1770, 12.5630,
-1.9090

■ 240.4840, 1.5130,
0.1130

■ 249.3520, -6.9230,
-1.1870

■ 251.1130, -7.7480,
-2.7560

Harmonies

Analogous

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



170.3780, 78.4450, 15.5730



174.7310, 77.8080, -11.4400



170.4520, 46.9560, -36.0200

Triad

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



174.7310, 77.8080, -11.4400



143.7390, -119.5200, -47.6160



181.6380, -3.1710, 40.9650

Complementary

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



174.7310, 77.8080, -11.4400



136.2690, -77.8080, 11.4400

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.



164.3420, -70.8840, 7.1000



174.7310, 77.8080, -11.4400



148.1340, -136.0290, -29.2530

Square

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



174.7310, 77.8080, -11.4400



136.4480, -97.3720, -63.5480



143.5350, -135.4800, -22.6800



180.0970, 44.1890, 52.7090

Rectangle

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



174.7310, 77.8080, -11.4400



166.3710, 16.1470, -44.8530



143.5350, -135.4800, -22.6800



178.2610, -21.4630, 31.0570

Sweetspot

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



174.7310, 77.8080, -11.4400



234.1690, 24.2090, -3.7190



130.3030, 76.1440, 62.8000



115.5470, 14.3970, -2.1070



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.



174.7310, 77.8080, -11.4400



169.5730, 98.6240, -14.2400



221.3810, 53.7450, -54.4390



115.1100, 5.5020, -0.5940



112.5420, 82.7140, -12.2460



34.3540, 25.1260, -3.8180

Inverse Universe

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



136.2690, -77.8080, 11.4400



120.8400, -98.3490, 14.7630



89.6190, -53.7450, 54.4390



112.3030, -5.2270, 1.1170



71.4580, -82.7140, 12.2460



21.6460, -25.1260, 3.8180

Previews

White Background



This preview shows how the YIQ color 174.7310, 77.8080, -11.4400 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 174.7310, 77.8080, -11.4400 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 174.7310, 77.8080, -11.4400

Background



This preview shows how black text looks on a background with the YIQ color 174.7310, 77.8080, -11.4400.



This preview shows how white text looks on a background with the YIQ color 174.7310, 77.8080, -11.4400.

-11.4400.

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

174.7310, 77.8080, -11.4400

Protanopia

173.0100, 45.6250, -28.4150

Deuteranopia

173.9910, 64.9720, -21.1080



Tritanopia

181.2570, 54.2810, 23.9850

Trichromacy



Original Color

174.7310, 77.8080, -11.4400

Protanomaly

173.4570, 57.7280, -21.9840

Deuteranomaly

174.4370, 69.6480, -17.7440

Tritanomaly

179.1310, 62.9030, 10.8950

Monochromacy



Original Color

174.7310, 77.8080, -11.4400

Achromatopsia

175.0000, -0.0000, -0.0000

Achromatomaly

174.7950, 28.1980, -4.4260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 174.7310, 77.8080, -11.4400 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(242, 161, 69)` looks like.

```
.text, #text, p{  
    color:rgb(242, 161, 69)  
}
```

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(242, 161, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 161, 69) }
```

Border

The CSS property to change the border of an element to YIQ 174.7310, 77.8080, -11.4400 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(242, 161, 69) }
```


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

```
.border{ border-color:rgb(242, 161, 69) }
```

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

Here you see how a box with a 4 pixel rgb(242, 161, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 161, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 161, 69);  
box-shadow:4px 4px 4px 4px rgb(242, 161,  
69) }
```

Background

The CSS property to change the background color of an element to YIQ 174.7310, 77.8080, -11.4400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 161, 69) }
```

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

```
.background{ background-color: rgb(242,  
161, 69) }
```

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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