

Converting Colors

YIQ(174.5400, 77.0280, -8.3160)

Have a look what the booklet for
YIQ(174.5400, 77.0280, -8.3160)
contains.

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Color

**YIQ(174.5400, 77.0280,
-8.3160)**

Conversions

Conversions Part 1

Format	Color
Hex	F39F4B
RGB	243, 159, 75
RGB Percent	95%, 62%, 29%
CMY	0.0469, 0.3766, 0.7055
CMYK	0.00, 0.35, 0.69, 0.05
HSL	30°, 88%, 62%
HSV	30°, 69%, 95%
XYZ	50.6404, 44.3547, 12.5659
YIQ	174.5400, 77.0280, -8.3160

Conversions

Conversions Part 2

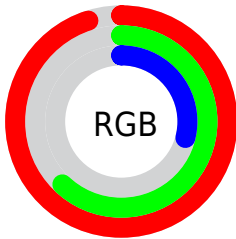
Format	Color
R_{YB}	243, 243, 75
Decimal	15966027
CIE _{Lab}	72.46, 24.03, 55.15
CIE _{LCh}	72, 60.159, 66.458
Yxy	44.3547, 0.4708, 0.4124
Android (android.graphics.Color)	4294156107 (0xFFFF39F4B)
YUV	174.5400, -49.0732, 60.0394
Hunter-Lab	66.5993, 19.1779, 35.4328

Details

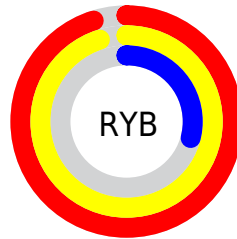
The YIQ color **174.5400, 77.0280, -8.3160** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **143.4600, -77.0280, 8.3160**, and the grayscale version is **175.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **216.3410, 52.3630, -18.3650**, and **119.6210, 72.3060, -10.8460** is the 20% darker color. If you saturate the color by 10%, you get **164.7600, 88.0320, -9.5040**, and if you desaturate by 10%, it is **184.3200, 66.0240, -7.1280**.

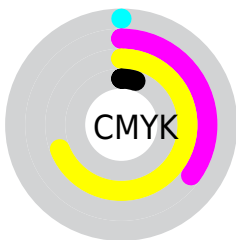
Distribution



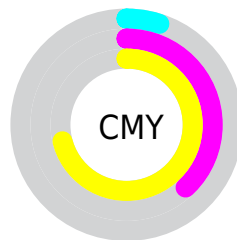
- Red (95%)
- Green (62%)
- Blue (29%)



- Red (95%)
- Yellow (95%)
- Blue (29%)



- Cyan (0%)
- Magenta (35%)
- Yellow (69%)
- Black (5%)



- Cyan (5%)
- Magenta (38%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 174.5400, 77.0280, -8.3160 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 174.5400, 77.0280, -8.3160 by changing the saturation by 10% instead.

174.5400, 77.0280,
-8.3160

174.5400, 77.0280,
-8.3160

255.0000, -0.0000,
-0.0000

147.0450, 74.0480,
-9.3760

216.3410, 52.3630,
-18.3650

119.6210, 72.3060,
-10.8460

235.8550, 35.9960,
-24.6120

94.1690, 67.7670,
-11.1850

246.6780, 23.4330,
-22.7030

71.4100, 57.0830,
-4.7810

249.8700, 14.4450,
-13.9950

49.2380, 46.1240,
1.1000

253.1760, 5.1360,
-4.9760

27.9520, 35.4860,
6.6700

12.5580, 25.0320,

8.9040

■ 0.0000, 0.0000,
0.0000

■ 174.5400, 77.0280,
-8.3160

■ 174.5400, 77.0280,
-8.3160

■ 164.7600, 88.0320,
-9.5040

■ 184.3200, 66.0240,
-7.1280

■ 154.8660, 99.3570,
-11.0030

■ 194.2140, 54.6990,
-5.6290


■ 144.4990,
110.6360, -11.6680

■ 203.9940, 43.6950,
-4.4410


■ 143.6840,
111.5530, -11.7670

■ 214.3610, 32.4160,
-3.7760

■ 224.2550, 21.0910,
-2.2770

 234.0350, 10.0870,
-1.0890

 243.8150, -0.9170,
0.0990

 251.4120, -7.1520,
-2.5440

Harmonies

Analogous

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



170.9480, 76.8400, 17.1280



174.5400, 77.0280, -8.3160



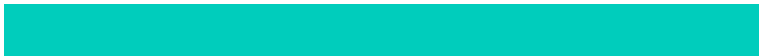
170.9300, 48.6060, -32.8820

Triad

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



174.5400, 77.0280, -8.3160



141.7670, -116.7230, -48.7470



180.7190, -7.8930, 38.4350

Complementary

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



174.5400, 77.0280, -8.3160



143.4600, -77.0280, 8.3160

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.



162.5370, -75.9270, 4.8810



174.5400, 77.0280, -8.3160



146.7490, -133.5070, -30.9070

Square

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



174.5400, 77.0280, -8.3160



147.9740, -69.3140, -54.4180



143.5350, -135.4800, -22.6800



181.7870, 42.1260, 51.5500

Rectangle

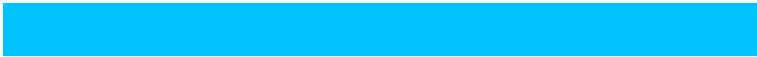
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



174.5400, 77.0280, -8.3160



167.1050, 19.9520, -42.2240



143.5350, -135.4800, -22.6800



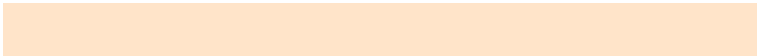
177.0430, -26.7810, 28.3150

Sweetspot

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



174.5400, 77.0280, -8.3160



232.9950, 24.7590, -2.6730



135.1500, 72.2010, 62.6730



114.9600, 14.6720, -1.5840



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.



174.5400, 77.0280, -8.3160



168.6100, 97.2020, -10.4940



222.0870, 54.7530, -50.6790



117.1100, 5.5020, -0.5940



110.2050, 85.2810, -9.2070



34.6640, 27.1890, -2.6590

Inverse Universe

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



143.4600, -77.0280, 8.3160



129.3900, -97.2020, 10.4940



95.9130, -54.7530, 50.6790



114.8900, -5.5020, 0.5940



75.7950, -85.2810, 9.2070



23.7490, -26.9140, 3.1820

Previews

White Background



This preview shows how the YIQ color 174.5400, 77.0280, -8.3160 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 174.5400, 77.0280, -8.3160 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 174.5400, 77.0280, -8.3160

Background



This preview shows how black text looks on a background with the YIQ color 174.5400, 77.0280, -8.3160.



This preview shows how white text looks on a background with the YIQ color 174.5400, 77.0280, -8.3160.

-8.3160.

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

174.5400, 77.0280, -8.3160

Protanopia

172.9220, 43.0570, -25.9270

Deuteranopia

173.4900, 62.1290, -19.1430



Tritanopia

180.5560, 54.8770, 24.1970

Trichromacy



Original Color

174.5400, 77.0280, -8.3160

Protanomaly

173.3690, 55.1600, -19.4960

Deuteranomaly

173.6480, 67.6760, -15.0440

Tritanomaly

178.1850, 62.8110, 12.5630

Monochromacy



Original Color

174.5400, 77.0280, -8.3160

Achromatopsia

175.0000, -0.0000, -0.0000

Achromatomaly

174.8490, 28.1060, -2.7580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 174.5400, 77.0280, -8.3160 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(243, 159, 75)` looks like.

```
.text, #text, p{  
    color:rgb(243, 159, 75)  
}
```

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(243, 159, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 159, 75) }
```

Border

The CSS property to change the border of an element to YIQ 174.5400, 77.0280, -8.3160 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(243, 159, 75) }
```


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

```
.border{ border-color:rgb(243, 159, 75) }
```

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

Here you see how a box with a 4 pixel rgb(243, 159, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 159, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 159, 75);  
box-shadow:4px 4px 4px 4px rgb(243, 159,  
75) }
```

Background

The CSS property to change the background color of an element to YIQ 174.5400, 77.0280, -8.3160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 159, 75) }
```

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

```
.background{ background-color: rgb(243,  
159, 75) }
```

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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