

Converting Colors

YIQ(153.7700, 100.4080, 8.5040)

Have a look what the booklet for
YIQ(153.7700, 100.4080, 8.5040)
contains.

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Color

**YIQ(153.7700, 100.4080,
8.5040)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7939
RGB	255, 121, 57
RGB Percent	100%, 47%, 22%
CMY	0.0000, 0.5257, 0.7760
CMYK	0.00, 0.53, 0.78, 0.00
HSL	19°, 100%, 61%
HSV	19°, 78%, 100%
XYZ	48.8119, 35.2176, 8.1109
YIQ	153.7700, 100.4080, 8.5040

Conversions

Conversions Part 2

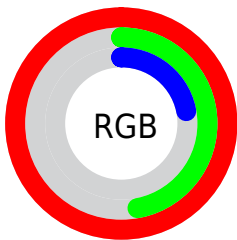
Format	Color
R _{YB}	255, 152, 57
Decimal	16742713
CIE Lab	65.92, 47.31, 57.09
CIE LCh	66, 74.142, 50.349
Yxy	35.2176, 0.5298, 0.3822
Android (android.graphics.Color)	4294932793 (0xFFFF7939)
YUV	153.7700, -47.7076, 88.7787
Hunter-Lab	59.3444, 42.9669, 33.4376

Details

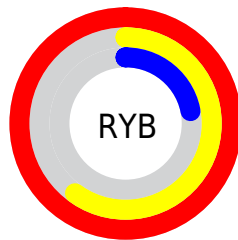
The YIQ color **153.7700, 100.4080, 8.5040** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **158.2300, -100.4080, -8.5040**, and the grayscale version is **154.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **191.8690, 68.9120, -4.4000**, and **97.0250, 95.1360, 4.9280** is the 20% darker color. If you saturate the color by 10%, you get **140.9410, 113.1080, 9.6200**, and if you desaturate by 10%, it is **166.7130, 87.3870, 7.6990**.

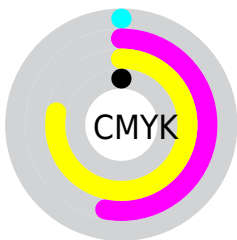
Distribution



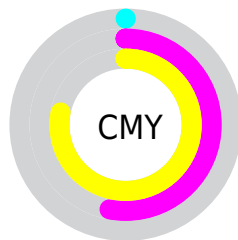
- Red (100%)
- Green (47%)
- Blue (22%)



- Red (100%)
- Yellow (60%)
- Blue (22%)



- Cyan (0%)
- Magenta (53%)
- Yellow (78%)
- Black (0%)



- Cyan (0%)
- Magenta (53%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 153.7700, 100.4080, 8.5040 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 153.7700, 100.4080, 8.5040 by changing the saturation by 10% instead.


 153.7700,
100.4080, 8.5040


 153.7700,
100.4080, 8.5040


255.0000, -0.0000,
-0.0000


 125.3890, 97.1070,
7.7550


 191.8690, 68.9120,
-4.4000


 97.0250, 95.1360,
4.9280


 211.3830, 52.5450,
-10.6470


 71.3200, 84.3600,
13.0000


 231.4840, 35.9030,
-17.4170

 40.9190, 75.7840,
25.2560

 247.4760, 21.1860,
-20.5260

 29.6010, 59.0040,
20.9880

 250.7820, 11.8770,
-11.5070

 20.6310, 41.1240,
14.6280

 253.9740, 2.8890,

 12.6720, 24.7110,

-2.7990

9.2150

■ 0.0000, 0.0000,
0.0000

■ 153.7700,
100.4080, 8.5040

■ 153.7700,
100.4080, 8.5040

■ 140.9410,
113.1080, 9.6200

■ 166.7130, 87.3870,
7.6990

■ 127.4110,
126.4040, 10.9480

■ 179.5420, 74.6870,
6.5830

■ 124.3790,
129.4300, 11.1740

■ 193.0720, 61.3910,
5.2550

■ 205.9010, 48.6910,
4.1390

■ 218.8440, 35.6700,
3.3340

232.2600, 22.6950,
1.6950

245.2030, 9.6740,
0.8900

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



145.4620, 87.9770, 41.0730



153.7700, 100.4080, 8.5040



149.9540, 83.5890, -33.6190

Triad

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



153.7700, 100.4080, 8.5040



126.4470, -95.6310, -56.5510



151.7820, -56.9030, 23.5530

Complementary

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



153.7700, 100.4080, 8.5040



158.2300, -100.4080, -8.5040

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.



131.2080, -129.7050, -11.6970



153.7700, 100.4080, 8.5040



135.4870, -118.3300, -36.1380

Square

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



153.7700, 100.4080, 8.5040



132.2160, -38.1810, -62.4770



138.8390, -133.2800, -18.4960



164.2530, 17.6870, 59.4390

Rectangle

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



153.7700, 100.4080, 8.5040



147.0980, 56.2200, -49.7320



138.8390, -133.2800, -18.4960



126.8770, -118.1070, -1.6190

Sweetspot

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



153.7700, 100.4080, 8.5040



224.7940, 29.9390, 2.5710



131.5920, 74.6730, 83.9610



109.2210, 18.4310, 1.8790



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.



153.7700, 100.4080, 8.5040



133.4750, 120.3520, 10.4960



211.2960, 73.4580, -42.7500



121.2350, 6.6480, 0.6640



93.5030, 96.7860, 8.0660



31.4630, 32.3690, 2.5850

Inverse Universe

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



158.2300, -100.4080, -8.5040



138.9380, -120.0770, -9.9730



100.7040, -73.4580, 42.7500



121.1780, -6.3730, -0.1410



98.0840, -97.0610, -8.5890



32.5370, -32.3690, -2.5850

Previews

White Background



This preview shows how the YIQ color 153.7700, 100.4080, 8.5040 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 153.7700, 100.4080, 8.5040 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 153.7700, 100.4080, 8.5040

Background



This preview shows how black text looks on a background with the YIQ color 153.7700, 100.4080, 8.5040.



This preview shows how white text looks on a background with the YIQ color 153.7700, 100.4080,

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

153.7700, 100.4080, 8.5040

Protanopia

155.7800, 40.5810, -25.1070

Deuteranopia

154.7950, 62.5880, -21.9560



Tritanopia

158.3590, 80.5970, 31.6450

Trichromacy



Original Color

153.7700, 100.4080, 8.5040

Protanomaly

154.8910, 62.6780, -12.5700

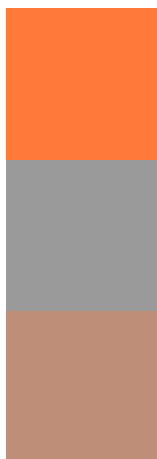
Deuteranomaly

154.6600, 76.5700, -11.0300

Tritanomaly

156.7970, 87.7510, 23.1350

Monochromacy



Original Color

153.7700, 100.4080, 8.5040

Achromatopsia

154.0000, -0.0000, -0.0000

Achromatomaly

154.0290, 36.5870, 3.2350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 153.7700, 100.4080, 8.5040 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(255, 121, 57)` looks like.

```
.text, #text, p{  
    color:rgb(255, 121, 57)  
}
```

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(255, 121, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 121, 57) }
```

Border

The CSS property to change the border of an element to YIQ 153.7700, 100.4080, 8.5040 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(255, 121, 57) }
```


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

```
.border{ border-color:rgb(255, 121, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 121, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 121, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 121, 57);  
box-shadow:4px 4px 4px 4px rgb(255, 121,  
57) }
```

Background

The CSS property to change the background color of an element to YIQ 153.7700, 100.4080, 8.5040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 121, 57) }
```

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

```
.background{ background-color: rgb(255,  
121, 57) }
```

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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