

Converting Colors

YIQ(150.0540, 105.3600, 6.8640)

Have a look what the booklet for
YIQ(150.0540, 105.3600, 6.8640)
contains.

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Color

**YIQ(150.0540, 105.3600,
6.8640)**

Conversions

Conversions Part 1

Format	Color
Hex	FF752D
RGB	255, 117, 45
RGB Percent	100%, 46%, 18%
CMY	0.0000, 0.5414, 0.8230
CMYK	0.00, 0.54, 0.82, 0.00
HSL	21°, 100%, 59%
HSV	21°, 82%, 100%
XYZ	48.0705, 34.1594, 6.5547
YIQ	150.0540, 105.3600, 6.8640

Conversions

Conversions Part 2

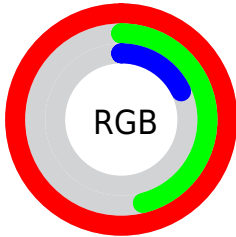
Format	Color
R _Y B	255, 155, 45
Decimal	16741677
CIE Lab	65.09, 48.85, 61.42
CIE LCh	65, 78.479, 51.508
Yxy	34.1594, 0.5414, 0.3847
Android (android.graphics.Color)	4294931757 (0xFFFF752D)
YUV	150.0540, -51.7916, 92.0376
Hunter-Lab	58.4461, 44.5314, 34.2629

Details

The YIQ color **150.0540, 105.3600, 6.8640** 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 **149.9460, -105.3600, -6.8640**, and the grayscale version is **150.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **188.2670, 73.5430, -5.7290**, and **94.0900, 96.5110, 7.5430** is the 20% darker color. If you saturate the color by 10%, you get **137.2250, 118.0600, 7.9800**, and if you desaturate by 10%, it is **162.9970, 92.3390, 6.0590**.

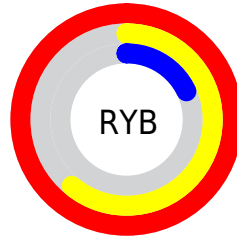
Distribution



Red (100%)

Green (46%)

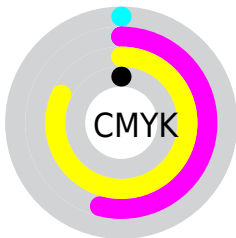
Blue (18%)



Red (100%)

Yellow (61%)

Blue (18%)

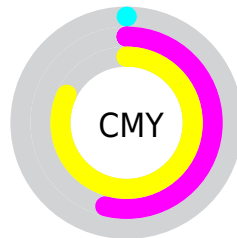


Cyan (0%)

Magenta (54%)

Yellow (82%)

Black (0%)



Cyan (0%)

Magenta (54%)

Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 150.0540, 105.3600, 6.8640 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 150.0540, 105.3600, 6.8640 by changing the saturation by 10% instead.


 150.0540,
105.3600, 6.8640


 150.0540,
105.3600, 6.8640


255.0000, -0.0000,
-0.0000


 121.2170,
103.3430, 4.8710


 188.2670, 73.5430,
-5.7290


 94.0900, 96.5110,
7.5430


 207.7810, 57.1760,
-11.9760


 68.0860, 85.1390,
15.4030


 227.7680, 40.8550,
-19.0570

 38.2720, 76.2880,
27.1360

 246.2220, 24.7170,
-23.9470

 29.3020, 58.4080,
20.7760

 249.4140, 15.7290,
-15.2390

 20.3320, 40.5280,
14.4160

 252.7200, 6.4200,

 12.3730, 24.1150,

-6.2200

9.0030

■ 0.0000, 0.0000,
0.0000

■ 150.0540,
105.3600, 6.8640

■ 150.0540,
105.3600, 6.8640

■ 137.2250,
118.0600, 7.9800

■ 162.9970, 92.3390,
6.0590

■ 127.3140,
128.0550, 8.5590

■ 175.2390, 79.9140,
5.4660

■ 188.1820, 66.8930,
4.6610

■ 201.0110, 54.1930,
3.5450

■ 213.9540, 41.1720,
2.7400

226.7830, 28.4720,
1.6240

239.1390, 15.7260,
1.3420

251.9680, 3.0260,
0.2260

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.



139.3810, 92.6990, 43.6030



150.0540, 105.3600, 6.8640



148.4700, 82.0760, -33.7320

Triad

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



150.0540, 105.3600, 6.8640



125.7460, -95.0350, -56.3390



148.8360, -56.9950, 25.2210

Complementary

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



150.0540, 105.3600, 6.8640



149.9460, -105.3600, -6.8640

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.



130.0340, -129.1550, -10.6510



150.0540, 105.3600, 6.8640



135.2420, -119.0180, -34.6820

Square

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



150.0540, 105.3600, 6.8640



122.8720, -52.0720, -69.5440



137.6650, -132.7300, -17.4500



161.3400, 21.9960, 63.9480

Rectangle

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



150.0540, 105.3600, 6.8640



145.0160, 53.5150, -50.2690



137.6650, -132.7300, -17.4500



121.2290, -125.0300, -2.8060

Sweetspot

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



150.0540, 105.3600, 6.8640



223.0500, 32.0940, 2.0620



123.7500, 80.2200, 88.0600



108.2920, 19.6690, 1.4690



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.



150.0540, 105.3600, 6.8640



128.8300, 126.5420, 8.4460



210.5150, 77.0350, -47.0050



121.2350, 6.6480, 0.6640



95.2640, 95.9610, 6.4970



32.0500, 32.0940, 2.0620

Inverse Universe

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



149.9460, -105.3600, -6.8640



129.1700, -126.5420, -8.4460



89.4850, -77.0350, 47.0050



121.1780, -6.3730, -0.1410



95.7360, -95.9610, -6.4970



31.9500, -32.0940, -2.0620

Previews

White Background



This preview shows how the YIQ color 150.0540, 105.3600, 6.8640 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 150.0540, 105.3600, 6.8640 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 150.0540, 105.3600, 6.8640

Background



This preview shows how black text looks on a background with the YIQ color 150.0540, 105.3600, 6.8640.



This preview shows how white text looks on a background with the YIQ color 150.0540, 105.3600, 6.8640.

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

150.0540, 105.3600, 6.8640

Protanopia

152.6400, 43.7910, -28.2170

Deuteranopia

151.4980, 67.6780, -26.0980



Tritanopia

155.5550, 82.9810, 32.4930

Trichromacy



Original Color

150.0540, 105.3600, 6.8640

Protanomaly

151.7510, 65.8880, -15.6800

Deuteranomaly

151.0040, 81.2930, -14.0270

Tritanomaly

153.6510, 91.0980, 23.0500

Monochromacy



Original Color

150.0540, 105.3600, 6.8640

Achromatopsia

150.0000, -0.0000, -0.0000

Achromatomaly

149.9860, 38.1460, 2.5140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 150.0540, 105.3600, 6.8640 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, 117, 45)` looks like.

```
.text, #text, p{  
    color:rgb(255, 117, 45)  
}
```

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, 117, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 117, 45) }
```

Border

The CSS property to change the border of an element to YIQ 150.0540, 105.3600, 6.8640 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, 117, 45) }
```


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

```
.border{ border-color:rgb(255, 117, 45) }
```

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

Here you see how a box with a 4 pixel rgb(255, 117, 45) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 117, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 117, 45);  
box-shadow:4px 4px 4px 4px rgb(255, 117,  
45) }
```

Background

The CSS property to change the background color of an element to YIQ 150.0540, 105.3600, 6.8640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 117, 45) }
```

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

```
.background{ background-color: rgb(255,  
117, 45) }
```

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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