

Converting Colors

YIQ(147.0850, 104.0750,
13.6350)

Have a look what the booklet for
YIQ(147.0850, 104.0750, 13.6350)
contains.

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Color

**YIQ(147.0850, 104.0750,
13.6350)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6E37
RGB	255, 110, 55
RGB Percent	100%, 43%, 22%
CMY	0.0000, 0.5688, 0.7839
CMYK	0.00, 0.57, 0.78, 0.00
HSL	16°, 100%, 61%
HSV	16°, 78%, 100%
XYZ	47.5017, 32.6756, 7.4325
YIQ	147.0850, 104.0750, 13.6350

Conversions

Conversions Part 2

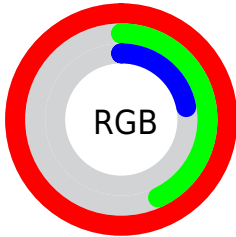
Format	Color
R _Y B	255, 131, 55
Decimal	16739895
CIE Lab	63.90, 52.40, 56.02
CIE LCh	64, 76.708, 46.908
Yxy	32.6756, 0.5422, 0.3730
Android (android.graphics.Color)	4294929975 (0xFFFF6E37)
YUV	147.0850, -45.3979, 94.6415
Hunter-Lab	57.1626, 48.2977, 32.3047

Details

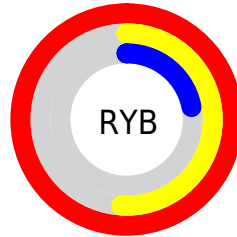
The YIQ color **147.0850, 104.0750, 13.6350** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **162.9150, -104.0750, -13.6350**, and the grayscale version is **147.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **185.1840, 72.5790, 0.7310**, and **89.3940, 98.7110, 11.7270** is the 20% darker color. If you saturate the color by 10%, you get **133.0820, 117.3250, 15.7970**, and if you desaturate by 10%, it is **160.6150, 90.7790, 12.3070**.

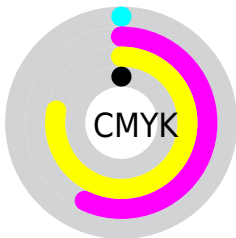
Distribution



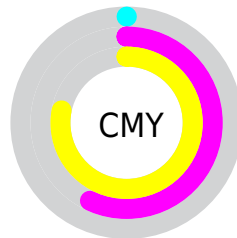
- Red (100%)
- Green (43%)
- Blue (22%)



- Red (100%)
- Yellow (51%)
- Blue (22%)



- Cyan (0%)
- Magenta (57%)
- Yellow (78%)
- Black (0%)




- Cyan (0%)
- Magenta (57%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 147.0850, 104.0750, 13.6350 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 147.0850, 104.0750, 13.6350 by changing the saturation by 10% instead.


 147.0850,
104.0750, 13.6350


 147.0850,
104.0750, 13.6350


255.0000, -0.0000,
-0.0000

 118.8180,
100.4530, 13.1970


 185.1840, 72.5790,
0.7310

 89.3940, 98.7110,
11.7270


 204.5840, 56.5330,
-5.8270


 61.0420, 88.4390,
21.6790


 224.6850, 39.8910,
-12.5970

 38.2720, 76.2880,
27.1360

 245.3730, 22.9740,
-19.8900

 29.0030, 57.8120,
20.5640

 250.3260, 13.1610,
-12.7510

 20.4460, 40.2070,
14.7270

 253.6320, 3.8520,

 11.7750, 22.9230,

-3.7320

8.5790

■ 0.0000, 0.0000,
0.0000

■ 147.0850,
104.0750, 13.6350

■ 147.0850,
104.0750, 13.6350

■ 133.0820,
117.3250, 15.7970

■ 160.6150, 90.7790,
12.3070

■ 119.5520,
130.6210, 17.1250

■ 174.6180, 77.5290,
10.1450

■ 117.3350,
132.7300, 17.4500

■ 188.1480, 64.2330,
8.8170

■ 202.1510, 50.9830,
6.6550

■ 215.6810, 37.6870,
5.3270

229.6840, 24.4370,
3.1650

243.2140, 11.1410,
1.8370

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.



137.9450, 91.2310, 48.1830



147.0850, 104.0750, 13.6350



145.5570, 86.3850, -29.2230

Triad

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



147.0850, 104.0750, 13.6350



121.8020, -89.4410, -58.6010



140.1430, -77.2130, 17.1790

Complementary

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



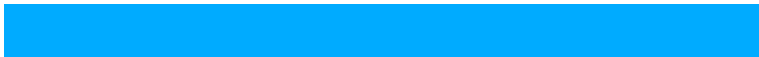
147.0850, 104.0750, 13.6350



162.9150, -104.0750, -13.6350

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.



129.4470, -128.8800, -10.1280



147.0850, 104.0750, 13.6350



131.1840, -113.1030, -37.2550

Square

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



147.0850, 104.0750, 13.6350



127.9520, -28.6900, -63.7780



135.7900, -131.5840, -16.1920



158.3600, 10.0760, 59.7080

Rectangle

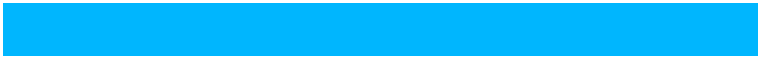
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



147.0850, 104.0750, 13.6350



143.2880, 58.7410, -45.8590



135.7900, -131.5840, -16.1920



121.8160, -125.3050, -3.3290

Sweetspot

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



147.0850, 104.0750, 13.6350



222.2180, 31.6810, 4.0410



131.5580, 72.0130, 88.1170



107.9330, 19.3020, 2.6140



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.



147.0850, 104.0750, 13.6350



125.5020, 124.8900, 16.3620



204.6110, 77.1250, -37.6190



120.6480, 6.9230, 1.1870



87.6330, 99.5360, 13.2960



29.1150, 33.4690, 4.6770

Inverse Universe

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



162.9150, -104.0750, -13.6350



144.4980, -124.8900, -16.3620



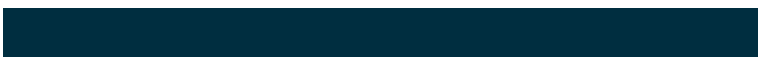
105.3890, -77.1250, 37.6190



121.7650, -6.6480, -0.6640



103.3670, -99.5360, -13.2960



34.2980, -33.1940, -4.1540

Previews

White Background



This preview shows how the YIQ color 147.0850, 104.0750, 13.6350 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 147.0850, 104.0750, 13.6350 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 147.0850, 104.0750, 13.6350

Background



This preview shows how black text looks on a background with the YIQ color 147.0850, 104.0750, 13.6350.



This preview shows how white text looks on a background with the YIQ color 147.0850, 104.0750,

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

147.0850, 104.0750, 13.6350

Protanopia

150.1650, 38.0590, -23.4530

Deuteranopia

149.6100, 61.6710, -21.8570



Tritanopia

151.2350, 86.8780, 33.4540

Trichromacy



Original Color

147.0850, 104.0750, 13.6350

Protanomaly

149.1730, 61.9440, -10.2800

Deuteranomaly

149.0130, 77.0740, -9.1500

Tritanomaly

149.4280, 93.3440, 26.4000

Monochromacy



Original Color

147.0850, 104.0750, 13.6350

Achromatopsia

147.0000, -0.0000, 0.0000

Achromatomaly

147.2680, 37.4120, 4.8040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 147.0850, 104.0750, 13.6350 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, 110, 55)` looks like.

```
.text, #text, p{  
    color:rgb(255, 110, 55)  
}
```

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, 110, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 110, 55) }
```

Border

The CSS property to change the border of an element to YIQ 147.0850, 104.0750, 13.6350 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, 110, 55) }
```


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

```
.border{ border-color:rgb(255, 110, 55) }
```

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

Here you see how a box with a 4 pixel rgb(255, 110, 55) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 110, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 110, 55);  
box-shadow:4px 4px 4px 4px rgb(255, 110,  
55) }
```

Background

The CSS property to change the background color of an element to YIQ 147.0850, 104.0750, 13.6350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 110, 55) }
```

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

```
.background{ background-color: rgb(255,  
110, 55) }
```

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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