

Converting Colors

YIQ(151.0340, 108.1120, 1.0400)

Have a look what the booklet for
YIQ(151.0340, 108.1120, 1.0400)
contains.

YIQ(151.0340, 108.1120, 1.0400)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(151.0340, 108.1120,
1.0400)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7921
RGB	255, 121, 33
RGB Percent	100%, 47%, 13%
CMY	0.0000, 0.5257, 0.8701
CMYK	0.00, 0.53, 0.87, 0.00
HSL	24°, 100%, 56%
HSV	24°, 87%, 100%
XYZ	48.3468, 35.0315, 5.6618
YIQ	151.0340, 108.1120, 1.0400

Conversions

Conversions Part 2

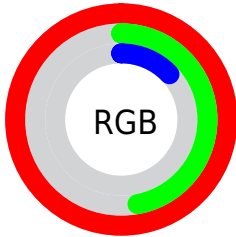
Format	Color
R _Y B	255, 179, 33
Decimal	16742689
CIE Lab	65.77, 46.66, 66.34
CIE LCh	66, 81.104, 54.880
Yxy	35.0315, 0.5430, 0.3934
Android (android.graphics.Color)	4294932769 (0xFFFF7921)
YUV	151.0340, -58.1908, 91.1782
Hunter-Lab	59.1874, 42.2283, 35.7596

Details

The YIQ color **151.0340, 108.1120, 1.0400** is a dark color, and the websafe version is hex **FF6600**. The color can be described as middle washed orange. A complement of this color would be **136.9660, -108.1120, -1.0400**, and the grayscale version is **152.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **189.5890, 75.3320, -10.6200**, and **97.0250, 95.1360, 4.9280** is the 20% darker color. If you saturate the color by 10%, you get **139.3790, 120.2620, 1.1100**, and if you desaturate by 10%, it is **162.8030, 95.6410, 1.2810**.

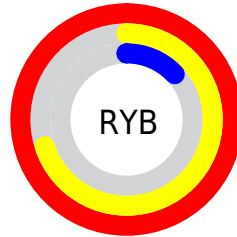
Distribution



Red (100%)

Green (47%)

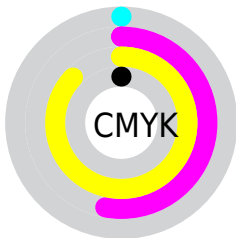
Blue (13%)



Red (100%)

Yellow (70%)

Blue (13%)

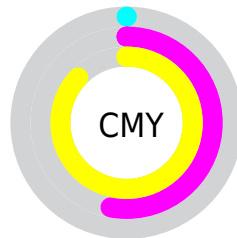


Cyan (0%)

Magenta (53%)

Yellow (87%)

Black (0%)



Cyan (0%)

Magenta (53%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 151.0340, 108.1120, 1.0400 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 151.0340, 108.1120, 1.0400 by changing the saturation by 10% instead.

151.0340,
108.1120, 1.0400

151.0340,
108.1120, 1.0400

255.0000, -0.0000,
-0.0000

121.8550,
107.0580, -1.8860

189.5890, 75.3320,
-10.6200

97.0250, 95.1360,
4.9280

209.1030, 58.9650,
-16.8670

71.6080, 83.4890,
12.2650

229.2040, 42.3230,
-23.6370

41.7940, 74.6380,
23.9980

245.1960, 27.6060,
-26.7460

29.3020, 58.4080,
20.7760

248.3880, 18.6180,
-18.0380

20.3320, 40.5280,
14.4160

251.6940, 9.3090,

12.3730, 24.1150,

-9.0190

9.0030

■ 0.0000, 0.0000,
0.0000

■ 151.0340,
108.1120, 1.0400

■ 151.0340,
108.1120, 1.0400

■ 139.3790,
120.2620, 1.1100

■ 162.8030, 95.6410,
1.2810

■ 135.5320,
124.2050, 1.2370

■ 175.0450, 83.2160,
0.6880

■ 186.8140, 70.7450,
0.9290

■ 199.0560, 58.3200,
0.3360

■ 210.8250, 45.8490,
0.5770

■ 222.4800, 33.6990,
0.5070

■ 234.8360, 20.9530,
0.2250

■ 246.4910, 8.8030,
0.1550

■ 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.



139.0560, 94.9920, 40.5920



151.0340, 108.1120, 1.0400



149.6220, 78.5920, -36.6720

Triad

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



151.0340, 108.1120, 1.0400



128.6470, -99.0700, -54.7980



153.0440, -45.7170, 30.0830

Complementary

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



151.0340, 108.1120, 1.0400



136.9660, -108.1120, -1.0400

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.



130.6210, -129.4300, -11.1740



151.0340, 108.1120, 1.0400



137.6700, -123.0990, -32.3070

Square

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



151.0340, 108.1120, 1.0400



117.0480, -73.2990, -75.8190



138.8390, -133.2800, -18.4960



161.8790, 30.8440, 68.7960

Rectangle

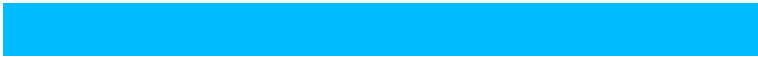
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



151.0340, 108.1120, 1.0400



145.8580, 47.9680, -54.3680



138.8390, -133.2800, -18.4960



134.3960, -97.3390, 7.4690

Sweetspot

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



151.0340, 108.1120, 1.0400



223.9960, 32.1860, 0.3940



114.9960, 88.3350, 89.6710



109.3520, 19.4400, 0.1120



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.



151.0340, 108.1120, 1.0400



135.5320, 124.2050, 1.2370



214.4300, 78.4120, -55.4440



121.8220, 6.3730, 0.1410



101.7210, 92.9360, 0.7440



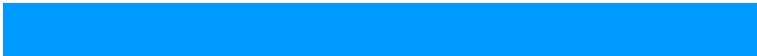
33.8110, 31.2690, 0.4930

Inverse Universe

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



136.9660, -108.1120, -1.0400



119.4680, -124.2050, -1.2370



73.5700, -78.4120, 55.4440



120.5910, -6.0980, 0.3820



89.8660, -93.2110, -1.2670



30.1890, -31.2690, -0.4930

Previews

White Background



This preview shows how the YIQ color 151.0340, 108.1120, 1.0400 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 151.0340, 108.1120, 1.0400 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 151.0340, 108.1120, 1.0400

Background



This preview shows how black text looks on a background with the YIQ color 151.0340, 108.1120, 1.0400.



This preview shows how white text looks on a background with the YIQ color 151.0340, 108.1120,

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

151.0340, 108.1120, 1.0400

Protanopia

153.2290, 49.2020, -32.6700

Deuteranopia

150.3770, 77.9040, -35.2160



Tritanopia

157.6580, 81.1930, 31.8570

Trichromacy



Original Color

151.0340, 108.1120, 1.0400

Protanomaly

152.0410, 70.7030, -20.3450

Deuteranomaly

150.8550, 88.7220, -22.0140

Tritanomaly

155.1840, 90.9150, 20.8590

Monochromacy



Original Color

151.0340, 108.1120, 1.0400

Achromatopsia

151.0000, -0.0000, 0.0000

Achromatomaly

151.0030, 39.4760, 0.4360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 151.0340, 108.1120, 1.0400 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, 33)` looks like.

```
.text, #text, p{  
    color:rgb(255, 121, 33)  
}
```

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, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 121, 33) }
```

Border

The CSS property to change the border of an element to YIQ 151.0340, 108.1120, 1.0400 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, 33) }
```


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

```
.border{ border-color:rgb(255, 121, 33) }
```

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, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 121, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 121, 33);  
box-shadow:4px 4px 4px 4px rgb(255, 121,  
33) }
```

Background

The CSS property to change the background color of an element to YIQ 151.0340, 108.1120, 1.0400 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, 33) }
```

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

```
.background{ background-color: rgb(255,  
121, 33) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor