

Converting Colors

YIQ(151.3590, 105.8190, 4.0510)

Have a look what the booklet for
YIQ(151.3590, 105.8190, 4.0510)
contains.

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Color

**YIQ(151.3590, 105.8190,
4.0510)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7829
RGB	255, 120, 41
RGB Percent	100%, 47%, 16%
CMY	0.0000, 0.5296, 0.8387
CMYK	0.00, 0.53, 0.84, 0.00
HSL	22°, 100%, 58%
HSV	22°, 84%, 100%
XYZ	48.3520, 34.8402, 6.2855
YIQ	151.3590, 105.8190, 4.0510

Conversions

Conversions Part 2

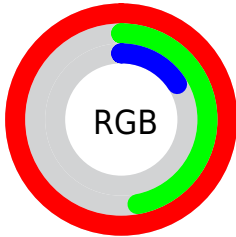
Format	Color
R _Y B	255, 166, 41
Decimal	16742441
CIE Lab	65.62, 47.32, 63.44
CIE LCh	66, 79.138, 53.281
Yxy	34.8402, 0.5404, 0.3894
Android (android.graphics.Color)	4294932521 (0xFFFF7829)
YUV	151.3590, -54.4070, 90.8932
Hunter-Lab	59.0256, 42.9271, 35.0043

Details

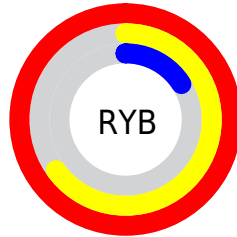
The YIQ color **151.3590, 105.8190, 4.0510** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **144.6410, -105.8190, -4.0510**, and the grayscale version is **152.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **189.6860, 73.6810, -8.2310**, and **96.4380, 95.4110, 5.4510** is the 20% darker color. If you saturate the color by 10%, you get **139.1170, 118.2440, 4.6440**, and if you desaturate by 10%, it is **163.7150, 93.0730, 3.7690**.

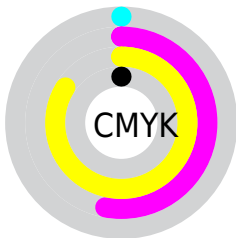
Distribution



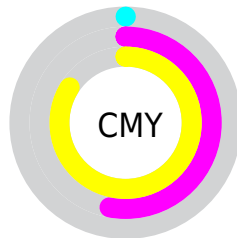
- Red (100%)
- Green (47%)
- Blue (16%)



- Red (100%)
- Yellow (65%)
- Blue (16%)



- Cyan (0%)
- Magenta (53%)
- Yellow (84%)
- Black (0%)



- Cyan (0%)
- Magenta (53%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 151.3590, 105.8190, 4.0510 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 151.3590, 105.8190, 4.0510 by changing the saturation by 10% instead.

151.3590,
105.8190, 4.0510

151.3590,
105.8190, 4.0510

255.0000, -0.0000,
-0.0000

122.0660,
105.0860, 0.8140

189.6860, 73.6810,
-8.2310

96.4380, 95.4110,
5.4510

209.2000, 57.3140,
-14.4780

70.4340, 84.0390,
13.3110

229.3010, 40.6720,
-21.2480

40.0330, 75.4630,
25.5670

245.8800, 25.6800,
-24.8800

29.3020, 58.4080,
20.7760

249.0720, 16.6920,
-16.1720

20.6310, 41.1240,
14.6280

252.3780, 7.3830,

12.3730, 24.1150,

-7.1530

9.0030

■ 0.0000, 0.0000,
0.0000

■ 151.3590,
105.8190, 4.0510

■ 151.3590,
105.8190, 4.0510

■ 139.1170,
118.2440, 4.6440

■ 163.7150, 93.0730,
3.7690

■ 131.4230,
126.1300, 4.8980

■ 175.9570, 80.6480,
3.1760

■ 188.3130, 67.9020,
2.8940

■ 200.5550, 55.4770,
2.3010

■ 212.9110, 42.7310,
2.0190

■ 225.7400, 30.0310,
0.9030

■ 238.0960, 17.2850,
0.6210

■ 250.3380, 4.8600,
0.0280

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.



140.2130, 93.1120, 41.6240



151.3590, 105.8190, 4.0510



149.9320, 80.6550, -35.5130

Triad

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



151.3590, 105.8190, 4.0510



127.6040, -97.5110, -55.5190



152.1250, -50.4390, 27.5530

Complementary

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



151.3590, 105.8190, 4.0510



144.6410, -105.8190, -4.0510

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



151.3590, 105.8190, 4.0510



136.5130, -121.2190, -33.3390

Square

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



151.3590, 105.8190, 4.0510



115.6460, -72.1070, -75.3950



138.2520, -133.0050, -17.9730



161.8460, 26.4430, 65.9550

Rectangle

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



151.3590, 105.8190, 4.0510



145.8800, 50.9020, -52.4740



138.2520, -133.0050, -17.9730



129.9000, -107.7460, 3.3420

Sweetspot

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



151.3590, 105.8190, 4.0510



224.2240, 31.5440, 1.0160



120.4900, 83.8880, 87.6640



108.8790, 19.3940, 0.9460



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.



151.3590, 105.8190, 4.0510



131.4230, 126.1300, 4.8980



213.5810, 76.6690, -51.3870



121.2350, 6.6480, 0.6640



98.1990, 94.5860, 3.8820



32.6370, 31.8190, 1.5390

Inverse Universe

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



144.6410, -105.8190, -4.0510



123.5770, -126.1300, -4.8980



82.4190, -76.6690, 51.3870



121.1780, -6.3730, -0.1410



92.8010, -94.5860, -3.8820



30.7760, -31.5440, -1.0160

Previews

White Background



This preview shows how the YIQ color 151.3590, 105.8190, 4.0510 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 151.3590, 105.8190, 4.0510 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 151.3590, 105.8190, 4.0510

Background



This preview shows how black text looks on a background with the YIQ color 151.3590, 105.8190, 4.0510.



This preview shows how white text looks on a background with the YIQ color 151.3590, 105.8190,

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

151.3590, 105.8190, 4.0510

Protanopia

153.2550, 46.3130, -29.8710

Deuteranopia

152.5860, 70.2460, -28.5860



Tritanopia

157.6580, 81.1930, 31.8570

Trichromacy



Original Color

151.3590, 105.8190, 4.0510

Protanomaly

152.3660, 68.4100, -17.3340

Deuteranomaly

151.7930, 83.2650, -16.7270

Tritanomaly

155.5260, 89.9520, 21.7920

Monochromacy



Original Color

151.3590, 105.8190, 4.0510

Achromatopsia

151.0000, -0.0000, 0.0000

Achromatomaly

151.3450, 38.5130, 1.3690

CSS Examples

Text

The CSS property to change the color of the text to YIQ 151.3590, 105.8190, 4.0510 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, 120, 41)` looks like.

```
.text, #text, p{  
    color:rgb(255, 120, 41)  
}
```

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, 120, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 120, 41) }
```

Border

The CSS property to change the border of an element to YIQ 151.3590, 105.8190, 4.0510 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, 120, 41) }
```


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

```
.border{ border-color:rgb(255, 120, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 120, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 120, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 120, 41);  
box-shadow:4px 4px 4px 4px rgb(255, 120,  
41) }
```

Background

The CSS property to change the background color of an element to YIQ 151.3590, 105.8190, 4.0510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 120, 41) }
```

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

```
.background{ background-color: rgb(255,  
120, 41) }
```

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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