

Converting Colors

YIQ(151.1770, 100.8200,
12.0520)

Have a look what the booklet for
YIQ(151.1770, 100.8200, 12.0520)
contains.

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Color

**YIQ(151.1770, 100.8200,
12.0520)**

Conversions

Conversions Part 1

Format	Color
Hex	FF743C
RGB	255, 116, 60
RGB Percent	100%, 45%, 24%
CMY	0.0000, 0.5453, 0.7643
CMYK	0.00, 0.55, 0.76, 0.00
HSL	17°, 100%, 62%
HSV	17°, 76%, 100%
XYZ	48.2972, 34.0647, 8.3203
YIQ	151.1770, 100.8200, 12.0520

Conversions

Conversions Part 2

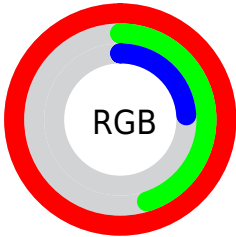
Format	Color
R _Y B	255, 139, 60
Decimal	16741436
CIE Lab	65.01, 49.79, 54.81
CIE LCh	65, 74.051, 47.744
Yxy	34.0647, 0.5326, 0.3756
Android (android.graphics.Color)	4294931516 (0xFFFF743C)
YUV	151.1770, -44.9503, 91.0528
Hunter-Lab	58.3650, 45.5707, 32.4034

Details

The YIQ color **151.1770, 100.8200, 12.0520** 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 **163.8230, -100.8200, -12.0520**, and the grayscale version is **152.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **189.2760, 69.3240, -0.8520**, and **94.0730, 95.1810, 9.6210** is the 20% darker color. If you saturate the color by 10%, you get **137.7610, 113.7950, 13.6910**, and if you desaturate by 10%, it is **164.7070, 87.5240, 10.7240**.

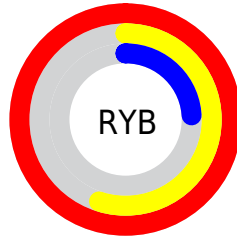
Distribution



Red (100%)

Green (45%)

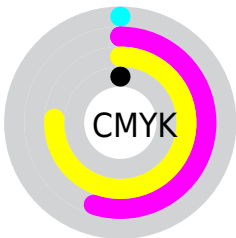
Blue (24%)



Red (100%)

Yellow (55%)

Blue (24%)

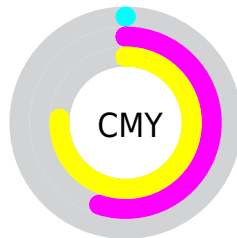


Cyan (0%)

Magenta (55%)

Yellow (76%)

Black (0%)



Cyan (0%)


Magenta (55%)


Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 151.1770, 100.8200, 12.0520 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 151.1770, 100.8200, 12.0520 by changing the saturation by 10% instead.


 151.1770,
100.8200, 12.0520


 151.1770,
100.8200, 12.0520


255.0000, -0.0000,
-0.0000

 122.9100, 97.1980,
11.6140


 189.2760, 69.3240,
-0.8520


 94.1870, 94.8600,
9.9320


 208.6760, 53.2780,
-7.4100


 67.2110, 86.2850,
16.6610


 228.7770, 36.6360,
-14.1800


 38.5710, 76.8840,
27.3480

 247.8180, 20.2230,
-19.5930

 29.3020, 58.4080,
20.7760

 251.0100, 11.2350,
-10.8850

 20.6310, 41.1240,
14.6280

 254.3160, 1.9260,

 12.3730, 24.1150,

-1.8660

9.0030

■ 0.0000, 0.0000,
0.0000

■ 151.1770,
100.8200, 12.0520

■ 151.1770,
100.8200, 12.0520

■ 137.7610,
113.7950, 13.6910

■ 164.7070, 87.5240,
10.7240

■ 124.2310,
127.0910, 15.0190

■ 178.1230, 74.5490,
9.0850

■ 119.0960,
131.9050, 15.8810

■ 192.2400, 60.9780,
7.2340

■ 205.6560, 48.0030,
5.5950

■ 219.1860, 34.7070,
4.2670

232.6020, 21.7320,
2.6280

246.1320, 8.4360,
1.3000

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.



142.8690, 88.3890, 44.6210



151.1770, 100.8200, 12.0520



148.2040, 85.8810, -31.1030

Triad

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



151.1770, 100.8200, 12.0520



123.6600, -91.9170, -57.7810



146.4000, -67.6310, 19.7370

Complementary

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



151.1770, 100.8200, 12.0520



163.8230, -100.8200, -12.0520

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



151.1770, 100.8200, 12.0520



132.7000, -114.6160, -37.3680

Square

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



151.1770, 100.8200, 12.0520



132.5330, -28.8280, -61.2760



137.6650, -132.7300, -17.4500



161.7900, 11.6810, 58.1530

Rectangle

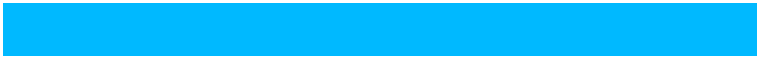
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



151.1770, 100.8200, 12.0520



145.6470, 59.1080, -47.0040



137.6650, -132.7300, -17.4500



122.9900, -125.8550, -4.3750

Sweetspot

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



151.1770, 100.8200, 12.0520



223.6200, 30.4890, 3.6170



134.2650, 71.2800, 84.8800



108.6340, 18.7060, 2.4020



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.



151.1770, 100.8200, 12.0520



130.1810, 121.3600, 14.2560



208.1160, 74.1450, -38.6790



120.6480, 6.9230, 1.1870



89.3940, 98.7110, 11.7270



29.7020, 33.1940, 4.1540

Inverse Universe

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



163.8230, -100.8200, -12.0520



145.4060, -121.6350, -14.7790



106.8840, -74.1450, 38.6790



121.7650, -6.6480, -0.6640



101.6060, -98.7110, -11.7270



33.7110, -32.9190, -3.6310

Previews

White Background



This preview shows how the YIQ color 151.1770, 100.8200, 12.0520 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 151.1770, 100.8200, 12.0520 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 151.1770, 100.8200, 12.0520

Background



This preview shows how black text looks on a background with the YIQ color 151.1770, 100.8200, 12.0520.



This preview shows how white text looks on a background with the YIQ color 151.1770, 100.8200, 12.0520.

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

151.1770, 100.8200, 12.0520

Protanopia

153.2790, 37.7380, -23.1420

Deuteranopia

153.0660, 60.3870, -20.6130



Tritanopia

155.4410, 83.3020, 32.1820

Trichromacy



Original Color

151.1770, 100.8200, 12.0520

Protanomaly

152.6890, 60.4310, -10.3930

Deuteranomaly

152.6430, 75.2400, -8.9520

Tritanomaly

153.6340, 89.7680, 25.1280

Monochromacy



Original Color

151.1770, 100.8200, 12.0520

Achromatopsia

151.0000, -0.0000, 0.0000

Achromatomaly

150.9690, 36.8160, 4.5920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 151.1770, 100.8200, 12.0520 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, 116, 60)` looks like.

```
.text, #text, p{  
    color:rgb(255, 116, 60)  
}
```

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, 116, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 116, 60) }
```

Border

The CSS property to change the border of an element to YIQ 151.1770, 100.8200, 12.0520 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, 116, 60) }
```


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

```
.border{ border-color:rgb(255, 116, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 116, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 116, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 116, 60);  
box-shadow:4px 4px 4px 4px rgb(255, 116,  
60) }
```

Background

The CSS property to change the background color of an element to YIQ 151.1770, 100.8200, 12.0520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 116, 60) }
```

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

```
.background{ background-color: rgb(255,  
116, 60) }
```

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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