

Converting Colors

YIQ(190.3700, 71.7550, -6.3650)

Have a look what the booklet for
YIQ(190.3700, 71.7550, -6.3650)
contains.

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Color

**YIQ(190.3700, 71.7550,
-6.3650)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAF64
RGB	255, 175, 100
RGB Percent	100%, 69%, 39%
CMY	0.0000, 0.3138, 0.6075
CMYK	0.00, 0.31, 0.61, 0.00
HSL	29°, 100%, 70%
HSV	29°, 61%, 100%
XYZ	58.8679, 52.8286, 19.1731
YIQ	190.3700, 71.7550, -6.3650

Conversions

Conversions Part 2

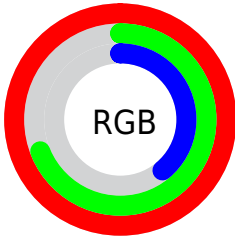
Format	Color
R _Y B	255, 245, 100
Decimal	16756580
CIE Lab	77.77, 22.01, 49.58
CIE LCh	78, 54.243, 66.065
Yxy	52.8286, 0.4498, 0.4037
Android (android.graphics.Color)	4294946660 (0xFFFFAF64)
YUV	190.3700, -44.5524, 56.6805
Hunter-Lab	72.6833, 17.3756, 35.2382

Details

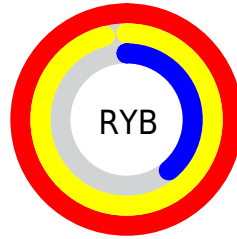
The YIQ color **190.3700, 71.7550, -6.3650** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **164.6300, -71.7550, 6.3650**, and the grayscale version is **191.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **229.2840, 39.3420, -19.1700**, and **135.3200, 66.0240, -7.1280** is the 20% darker color. If you saturate the color by 10%, you get **179.8890, 83.3550, -7.3410**, and if you desaturate by 10%, it is **200.9650, 59.8340, -5.0780**.

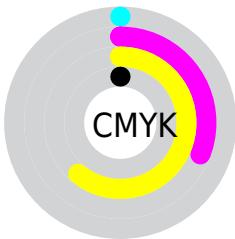
Distribution



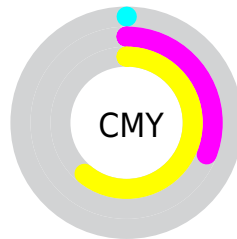
- Red (100%)
- Green (69%)
- Blue (39%)



- Red (100%)
- Yellow (96%)
- Blue (39%)



- Cyan (0%)
- Magenta (31%)
- Yellow (61%)
- Black (0%)



- Cyan (0%)
- Magenta (31%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 190.3700, 71.7550, -6.3650 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 190.3700, 71.7550, -6.3650 by changing the saturation by 10% instead.

190.3700, 71.7550,
-6.3650

190.3700, 71.7550,
-6.3650

255.0000, -0.0000,
-0.0000

162.4020, 68.7290,
-6.5910

229.2840, 39.3420,
-19.1700

135.3200, 66.0240,
-7.1280

246.4500, 24.0750,
-23.3250

108.8960, 64.2820,
-8.5980

249.6420, 15.0870,
-14.6170

83.2160, 60.3850,
-9.5590

252.9480, 5.7780,
-5.5980

61.3430, 50.0220,
-3.4660

40.0570, 39.3840,
2.1040

19.0700, 29.3420,

7.8860

■ 7.5890, 14.5790,
5.6110

■ 0.0000, 0.0000,
0.0000

■ 190.3700, 71.7550,
-6.3650

■ 190.3700, 71.7550,
-6.3650

■ 179.8890, 83.3550,
-7.3410

■ 200.9650, 59.8340,
-5.0780

■ 169.2940, 95.2760,
-8.6280

■ 211.4460, 48.2340,
-4.1020

■ 158.2260,
107.1510, -9.0810

■ 222.0410, 36.3130,
-2.8150

■ 148.4460,
118.1550, -10.2690

■ 233.1090, 24.4380,
-2.3620

243.7040, 12.5170,
-1.0750

254.1850, 0.9170,
-0.0990

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.



184.4950, 64.8740, 13.7220



190.3700, 71.7550, -6.3650



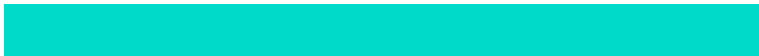
187.1240, 45.3040, -28.1040

Triad

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



190.3700, 71.7550, -6.3650



150.8800, -124.4710, -51.5030



194.5850, -4.8200, 32.3000

Complementary

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



190.3700, 71.7550, -6.3650



164.6300, -71.7550, 6.3650

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.



180.3230, -60.7050, 4.3430



190.3700, 71.7550, -6.3650



155.2920, -139.6500, -35.2180

Square

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



190.3700, 71.7550, -6.3650



170.2150, -53.6350, -46.7150



151.1660, -139.0550, -29.4790



195.0800, 33.6910, 44.7230

Rectangle

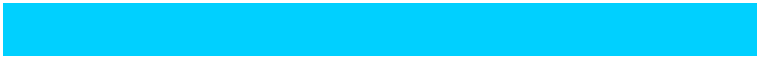
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



190.3700, 71.7550, -6.3650



182.9680, 19.0800, -37.4320



151.1660, -139.0550, -29.4790



191.5180, -21.0490, 23.5510

Sweetspot

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



190.3700, 71.7550, -6.3650



235.6680, 21.3660, -1.7540



155.4650, 66.7000, 57.7400



115.8890, 13.4340, -1.1740



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.



190.3700, 71.7550, -6.3650



177.4440, 86.1060, -7.6380



235.5690, 50.5800, -46.6360



122.4090, 6.0980, -0.3820



111.1130, 88.5360, -7.6240



37.3330, 29.6190, -2.6450

Inverse Universe

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



164.6300, -71.7550, 6.3650



146.5560, -86.1060, 7.6380



119.4310, -50.5800, 46.6360



120.0040, -5.8230, 0.9050



79.8870, -88.5360, 7.6240



26.6670, -29.6190, 2.6450

Previews

White Background



This preview shows how the YIQ color 190.3700, 71.7550, -6.3650 looks on a white background.

Color Contrast Check

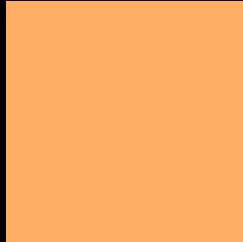
Large Text (above 18pt) WCAG AA × Fail

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 190.3700, 71.7550, -6.3650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

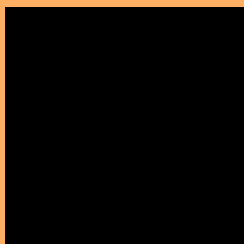
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 190.3700, 71.7550, -6.3650

Background



This preview shows how black text looks on a background with the YIQ color 190.3700, 71.7550, -6.3650.



This preview shows how white text looks on a background with the YIQ color 190.3700, 71.7550,

-6.3650.

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

190.3700, 71.7550, -6.3650

Protanopia

188.7630, 39.2510, -23.0290

Deuteranopia

189.4560, 59.4690, -14.9870



Tritanopia

195.9680, 47.7250, 21.6530

Trichromacy



Original Color

190.3700, 71.7550, -6.3650

Protanomaly

189.2100, 51.3540, -16.5980

Deuteranomaly

189.9020, 64.1450, -11.6230

Tritanomaly

193.8360, 56.4840, 11.5880

Monochromacy



Original Color

190.3700, 71.7550, -6.3650

Achromatopsia

190.0000, -0.0000, -0.0000

Achromatomaly

190.4790, 26.2720, -2.5600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 190.3700, 71.7550, -6.3650 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, 175, 100)` looks like.

```
.text, #text, p{  
    color:rgb(255, 175, 100)  
}
```

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, 175, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 175, 100) }
```

Border

The CSS property to change the border of an element to YIQ 190.3700, 71.7550, -6.3650 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, 175, 100) }
```


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

```
.border{ border-color:rgb(255, 175, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 175, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 175, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 175, 100);  
box-shadow:4px 4px 4px 4px rgb(255, 175,  
100) }
```

Background

The CSS property to change the background color of an element to YIQ 190.3700, 71.7550, -6.3650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 175, 100) }
```

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

```
.background{ background-color: rgb(255,  
175, 100) }
```

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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