

Converting Colors

YIQ(192.7350, 71.9850,
-10.5350)

Have a look what the booklet for
YIQ(192.7350, 71.9850, -10.5350)
contains.

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Color

**YIQ(192.7350, 71.9850,
-10.5350)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB45F
RGB	255, 180, 95
RGB Percent	100%, 71%, 37%
CMY	0.0000, 0.2942, 0.6271
CMYK	0.00, 0.29, 0.63, 0.00
HSL	32°, 100%, 69%
HSV	32°, 63%, 100%
XYZ	59.6245, 54.7175, 18.2668
YIQ	192.7350, 71.9850, -10.5350

Conversions

Conversions Part 2

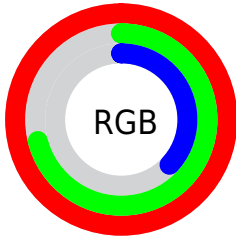
Format	Color
R _Y B	236, 255, 95
Decimal	16757855
CIE Lab	78.88, 19.06, 53.28
CIE LCh	79, 56.585, 70.312
Yxy	54.7175, 0.4496, 0.4126
Android (android.graphics.Color)	4294947935 (0xFFFFB45F)
YUV	192.7350, -48.1834, 54.6064
Hunter-Lab	73.9713, 14.4299, 37.1386

Details

The YIQ color **192.7350, 71.9850, -10.5350** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **157.2650, -71.9850, 10.5350**, and the grayscale version is **193.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **231.6490, 39.5720, -23.3400**, and **137.4570, 66.8960, -11.9200** is the 20% darker color. If you saturate the color by 10%, you get **182.8410, 83.3100, -12.0340**, and if you desaturate by 10%, it is **202.7430, 60.3390, -8.7250**.

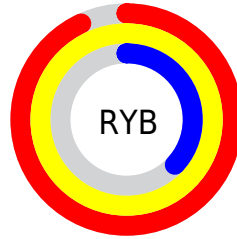
Distribution



Red (100%)

Green (71%)

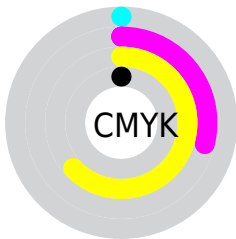
Blue (37%)



Red (93%)

Yellow (100%)

Blue (37%)

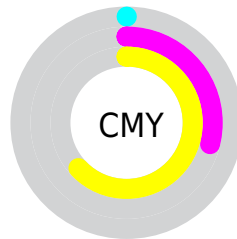


Cyan (0%)

Magenta (29%)

Yellow (63%)

Black (0%)



Cyan (0%)

Magenta (29%)

Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 192.7350, 71.9850, -10.5350 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 192.7350, 71.9850, -10.5350 by changing the saturation by 10% instead.


 192.7350, 71.9850,
-10.5350


 192.7350, 71.9850,
-10.5350


255.0000, -0.0000,
-0.0000


 164.6530, 69.2800,
-11.0720


 231.6490, 39.5720,
-23.3400


 137.5710, 66.5750,
-11.6090


 245.8800, 25.6800,
-24.8800


 110.8050, 65.7960,
-14.0120

 249.0720, 16.6920,
-16.1720

 86.1510, 59.0100,
-12.1740

 252.3780, 7.3830,
-7.1530

 64.2780, 48.6470,
-6.0810

 42.9920, 38.0090,
-0.5110

 22.5920, 27.6920,

4.7480

■ 8.1870, 15.7710,
6.0350

■ 0.0000, 0.0000,
0.0000

■ 192.7350, 71.9850,
-10.5350

■ 192.7350, 71.9850,
-10.5350

■ 182.8410, 83.3100,
-12.0340

■ 202.7430, 60.3390,
-8.7250

■ 172.8330, 94.9560,
-13.8440

■ 212.6370, 49.0140,
-7.2260

■ 162.9390,
106.2810, -15.3430

■ 222.6450, 37.3680,
-5.4160

■ 155.4900,
114.8550, -16.5450

■ 232.5390, 26.0430,
-3.9170

■ 242.5470, 14.3970,
-2.1070

■ 252.4410, 3.0720,
-0.6080

■ 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.



185.5720, 65.9750, 10.2870



192.7350, 71.9850, -10.5350



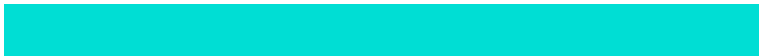
188.6350, 42.1870, -32.1890

Triad

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



192.7350, 71.9850, -10.5350



154.4820, -129.1020, -50.1740



197.8850, 3.2030, 35.5790

Complementary

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



192.7350, 71.9850, -10.5350



157.2650, -71.9850, 10.5350

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.



185.0960, -52.6360, 6.7880



192.7350, 71.9850, -10.5350



157.6230, -142.0800, -35.2320

Square

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



192.7350, 71.9850, -10.5350



167.7940, -68.6270, -50.3470



152.3400, -139.6050, -30.5250



194.2650, 34.6080, 44.6240

Rectangle

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



192.7350, 71.9850, -10.5350



185.0380, 12.8910, -40.9090



152.3400, -139.6050, -30.5250



194.8180, -13.0260, 26.8300

Sweetspot

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



192.7350, 71.9850, -10.5350



236.0270, 21.7330, -2.8990



151.6180, 70.6430, 57.8670



116.3620, 13.4800, -2.0080



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.



192.7350, 71.9850, -10.5350



180.3960, 86.0610, -12.3310



235.8630, 49.5720, -50.3960



122.9960, 5.8230, -0.9050



116.9830, 85.7860, -12.8540



39.0940, 28.7940, -4.2140

Inverse Universe

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



157.2650, -71.9850, 10.5350



138.0170, -85.7860, 12.8540



114.1370, -49.5720, 50.3960



120.0040, -5.8230, 0.9050



74.6040, -86.0610, 12.3310



24.9060, -28.7940, 4.2140

Previews

White Background



This preview shows how the YIQ color 192.7350, 71.9850, -10.5350 looks on a white background.

Color Contrast Check

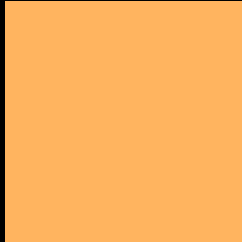
Large Text (above 18pt) WCAG AA × Fail

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 192.7350, 71.9850, -10.5350 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 192.7350, 71.9850, -10.5350

Background



This preview shows how black text looks on a background with the YIQ color 192.7350, 71.9850, -10.5350.



This preview shows how white text looks on a background with the YIQ color 192.7350, 71.9850, -10.5350.

-10.5350.

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

192.7350, 71.9850, -10.5350

Protanopia

191.0360, 42.7360, -25.6160

Deuteranopia

191.9570, 62.3120, -16.9520



Tritanopia

198.7720, 45.3410, 20.8050

Trichromacy



Original Color

192.7350, 71.9850, -10.5350

Protanomaly

191.4720, 53.3720, -20.1320

Deuteranomaly

192.2780, 65.8420, -14.8460

Tritanomaly

196.8850, 54.7880, 9.2840

Monochromacy



Original Color

192.7350, 71.9850, -10.5350

Achromatopsia

193.0000, -0.0000, -0.0000

Achromatomaly

192.8380, 26.6390, -3.7050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 192.7350, 71.9850, -10.5350 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, 180, 95)` looks like.

```
.text, #text, p{  
    color:rgb(255, 180, 95)  
}
```

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, 180, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 180, 95) }
```

Border

The CSS property to change the border of an element to YIQ 192.7350, 71.9850, -10.5350 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, 180, 95) }
```


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

```
.border{ border-color:rgb(255, 180, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 180, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 180, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 180, 95);  
box-shadow:4px 4px 4px 4px rgb(255, 180,  
95) }
```

Background

The CSS property to change the background color of an element to YIQ 192.7350, 71.9850, -10.5350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 180, 95) }
```

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

```
.background{ background-color: rgb(255,  
180, 95) }
```

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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