

Converting Colors

YIQ(175.4210, 84.9130, -2.5350)

Have a look what the booklet for
YIQ(175.4210, 84.9130, -2.5350)
contains.

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Color

**YIQ(175.4210, 84.9130,
-2.5350)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9A4D
RGB	255, 154, 77
RGB Percent	100%, 60%, 30%
CMY	0.0000, 0.3962, 0.6976
CMYK	0.00, 0.40, 0.70, 0.00
HSL	26°, 100%, 65%
HSV	26°, 70%, 100%
XYZ	54.1317, 44.8944, 12.8523
YIQ	175.4210, 84.9130, -2.5350

Conversions

Conversions Part 2

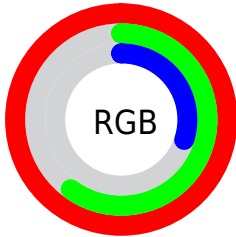
Format	Color
RYB	255, 213, 77
Decimal	16751181
CIELab	72.82, 31.60, 55.03
CIElCh	73, 63.460, 60.138
Yxy	44.8944, 0.4838, 0.4013
Android (android.graphics.Color)	4294941261 (0xFFFF9A4D)
YUV	175.4210, -48.5216, 69.7908
Hunter-Lab	67.0033, 26.9538, 35.5295

Details

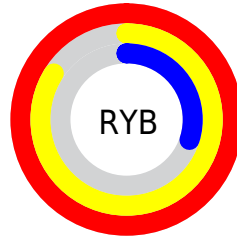
The YIQ color **175.4210, 84.9130, -2.5350** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **156.5790, -84.9130, 2.5350**, and the grayscale version is **176.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **213.6340, 53.0960, -15.1280**, and **120.3170, 79.2740, -4.9660** is the 20% darker color. If you saturate the color by 10%, you get **163.7660, 97.0630, -2.4650**, and if you desaturate by 10%, it is **186.6030, 72.7170, -1.7710**.

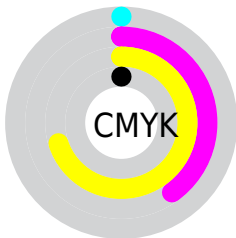
Distribution



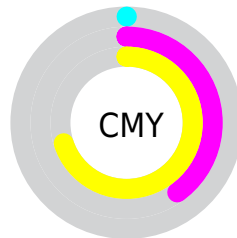
- Red (100%)
- Green (60%)
- Blue (30%)



- Red (100%)
- Yellow (84%)
- Blue (30%)



- Cyan (0%)
- Magenta (40%)
- Yellow (70%)
- Black (0%)



- Cyan (0%)
- Magenta (40%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 175.4210, 84.9130, -2.5350 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 175.4210, 84.9130, -2.5350 by changing the saturation by 10% instead.

175.4210, 84.9130,
-2.5350

175.4210, 84.9130,
-2.5350

255.0000, -0.0000,
-0.0000

148.0400, 81.6120,
-3.2840

213.6340, 53.0960,
-15.1280

120.4310, 78.9530,
-4.6550

233.1480, 36.7290,
-21.3750

93.9360, 75.9730,
-5.7150

246.9060, 22.7910,
-22.0810

70.8780, 64.6930,
0.4770

250.0980, 13.8030,
-13.3730

47.8200, 53.4130,
6.6690

253.4040, 4.4940,
-4.3540

24.1860, 43.8750,
14.3310

14.6510, 29.2040,

10.3880

■ 0.5980, 1.1920,
0.4240

■ 0.0000, 0.0000,
0.0000

■ 175.4210, 84.9130,
-2.5350

■ 175.4210, 84.9130,
-2.5350

■ 163.7660, 97.0630,
-2.4650

■ 186.6030, 72.7170,
-1.7710

■ 152.5840,
109.2590, -3.2290

■ 198.2580, 60.5670,
-1.8410

■ 141.5160,
121.1340, -3.6820

■ 209.4400, 48.3710,
-1.0770

■ 140.8150,
121.7300, -3.4700

■ 221.0950, 36.2210,
-1.1470

■ 232.2770, 24.0250,
-0.3830

■ 243.9320, 11.8750,
-0.4530

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.



168.4520, 75.6010, 23.0650



175.4210, 84.9130, -2.5350



172.1440, 59.7470, -31.0450

Triad

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



175.4210, 84.9130, -2.5350



141.6870, -113.7420, -53.2140



178.5710, -19.4000, 32.2160

Complementary

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



175.4210, 84.9130, -2.5350



156.5790, -84.9130, 2.5350

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.



142.1500, -123.7900, -14.2700



175.4210, 84.9130, -2.5350



147.7120, -132.0850, -34.6530

Square

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



175.4210, 84.9130, -2.5350



152.0590, -53.4960, -54.7440



145.8830, -136.5800, -24.7720



183.1760, 33.7810, 54.1090

Rectangle

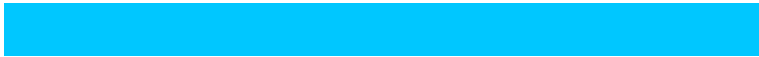
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



175.4210, 84.9130, -2.5350



168.7380, 31.2310, -42.8890



145.8830, -136.5800, -24.7720



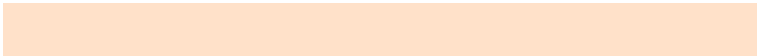
173.4000, -41.2680, 21.0360

Sweetspot

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



175.4210, 84.9130, -2.5350



231.2340, 25.5840, -1.1040



142.0780, 72.7040, 70.0800



113.1990, 15.4970, -0.0150



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.



175.4210, 84.9130, -2.5350



158.9900, 102.2440, -2.7480



225.9030, 61.2630, -47.5130



121.8220, 6.3730, 0.1410



105.8300, 91.0110, -2.9170



35.5720, 30.4440, -1.0760

Inverse Universe

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



156.5790, -84.9130, 2.5350



136.4230, -101.9690, 3.2710



106.0970, -61.2630, 47.5130



120.5910, -6.0980, 0.3820



85.7570, -91.2860, 2.3940



28.4280, -30.4440, 1.0760

Previews

White Background



This preview shows how the YIQ color 175.4210, 84.9130, -2.5350 looks on a white background.

Color Contrast Check

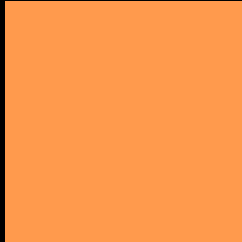
Large Text (above 18pt) WCAG AA × Fail

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 175.4210, 84.9130, -2.5350 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 175.4210, 84.9130, -2.5350

Background



This preview shows how black text looks on a background with the YIQ color 175.4210, 84.9130, -2.5350.



This preview shows how white text looks on a background with the YIQ color 175.4210, 84.9130, -2.5350.

-2.5350.

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

175.4210, 84.9130, -2.5350

Protanopia

173.9650, 41.4980, -25.2060

Deuteranopia

174.7890, 62.7250, -18.9310



Tritanopia

181.1330, 60.5620, 25.7940

Trichromacy



Original Color

175.4210, 84.9130, -2.5350

Protanomaly

174.6190, 57.4520, -16.9800

Deuteranomaly

174.9690, 71.2060, -12.9380

Tritanomaly

179.0010, 69.3210, 15.7290

Monochromacy



Original Color

175.4210, 84.9130, -2.5350

Achromatopsia

175.0000, -0.0000, -0.0000

Achromatomaly

174.8710, 31.0400, -0.8640

CSS Examples

Text

The CSS property to change the color of the text to YIQ 175.4210, 84.9130, -2.5350 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, 154, 77)` looks like.

```
.text, #text, p{  
    color:rgb(255, 154, 77)  
}
```

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, 154, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 154, 77) }
```

Border

The CSS property to change the border of an element to YIQ 175.4210, 84.9130, -2.5350 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, 154, 77) }
```


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

```
.border{ border-color:rgb(255, 154, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 154, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 154, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 154, 77);  
box-shadow:4px 4px 4px 4px rgb(255, 154,  
77) }
```

Background

The CSS property to change the background color of an element to YIQ 175.4210, 84.9130, -2.5350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 154, 77) }
```

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

```
.background{ background-color: rgb(255,  
154, 77) }
```

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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