

Converting Colors

YIQ(165.3240, 86.5640, -4.9240)

Have a look what the booklet for
YIQ(165.3240, 86.5640, -4.9240)
contains.

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Color

**YIQ(165.3240, 86.5640,
-4.9240)**

Conversions

Conversions Part 1

Format	Color
Hex	F5913D
RGB	245, 145, 61
RGB Percent	96%, 57%, 24%
CMY	0.0390, 0.4315, 0.7604
CMYK	0.00, 0.41, 0.75, 0.04
HSL	27°, 90%, 60%
HSV	27°, 75%, 96%
XYZ	48.6368, 39.9969, 9.5863
YIQ	165.3240, 86.5640, -4.9240

Conversions

Conversions Part 2

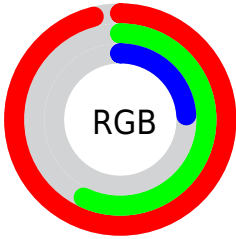
Format	Color
R _Y B	245, 216, 61
Decimal	16093501
CIE Lab	69.47, 31.53, 58.38
CIE LCh	69, 66.354, 61.628
Yxy	39.9969, 0.4952, 0.4072
Android (android.graphics.Color)	4294283581 (0xFFFF5913D)
YUV	165.3240, -51.4317, 69.8759
Hunter-Lab	63.2431, 26.5990, 35.2830

Details

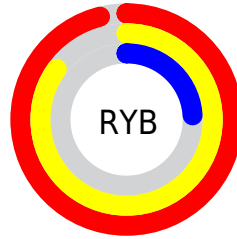
The YIQ color **165.3240, 86.5640, -4.9240** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **140.6760, -86.5640, 4.9240**, and the grayscale version is **166.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **205.9400, 60.9820, -14.8740**, and **109.8950, 83.2180, -10.3660** is the 20% darker color. If you saturate the color by 10%, you get **154.9570, 97.8430, -5.5890**, and if you desaturate by 10%, it is **175.8050, 74.9640, -3.9480**.

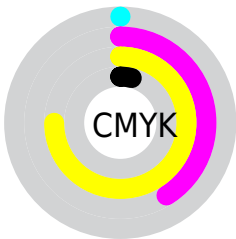
Distribution



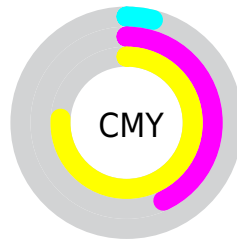
- Red (96%)
- Green (57%)
- Blue (24%)



- Red (96%)
- Yellow (85%)
- Blue (24%)



- Cyan (0%)
- Magenta (41%)
- Yellow (75%)
- Black (4%)





- Cyan (4%)
- Magenta (43%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 165.3240, 86.5640, -4.9240 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 165.3240, 86.5640, -4.9240 by changing the saturation by 10% instead.


 165.3240, 86.5640,
-4.9240


 165.3240, 86.5640,
-4.9240


255.0000, -0.0000,
-0.0000


 137.7150, 83.9050,
-6.2950


 205.9400, 60.9820,
-14.8740


 109.3080, 83.4930,
-9.8430


 226.0410, 44.3400,
-21.6440

 86.2500, 72.2130,
-3.6510


 244.9680, 28.2480,
-27.3680

 63.1920, 60.9330,
2.5410

 248.1600, 19.2600,
-18.6600

 40.1340, 49.6530,
8.7330

 251.4660, 9.9510,
-9.6410

 19.4350, 38.7400,
13.7800

254.7720, 0.6420,

 12.6720, 24.7110,

-0.6220

9.2150

■ 0.0000, 0.0000,
0.0000

■ 165.3240, 86.5640,
-4.9240

■ 165.3240, 86.5640,
-4.9240

■ 154.9570, 97.8430,
-5.5890

■ 175.8050, 74.9640,
-3.9480

■ 143.8890,
109.7180, -6.0420

■ 186.7590, 63.4100,
-3.8060

■ 138.9990,
115.2200, -6.6360

■ 197.2400, 51.8100,
-2.8300

■ 207.6070, 40.5310,
-2.1650

■ 218.6750, 28.6560,
-1.7120

229.0420, 17.3770,
-1.0470

239.5230, 5.7770,
-0.0710

250.2490, -5.1350,
-0.5510

252.0100, -5.9600,
-2.1200

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



160.3990, 83.1200, 24.4640



165.3240, 86.5640, -4.9240



161.6940, 60.8940, -35.3140

Triad

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



165.3240, 86.5640, -4.9240



135.7200, -109.3410, -50.3730



170.3200, -19.9510, 36.6970

Complementary

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



165.3240, 86.5640, -4.9240



140.6760, -86.5640, 4.9240

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.



131.7950, -129.9800, -12.2200



165.3240, 86.5640, -4.9240



141.9730, -128.3260, -31.1900

Square

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



165.3240, 86.5640, -4.9240



135.6870, -70.1840, -60.6800



140.6000, -134.1050, -20.0650



173.2090, 38.1820, 56.9500

Rectangle

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



165.3240, 86.5640, -4.9240



158.3310, 30.8190, -46.4370



140.6000, -134.1050, -20.0650



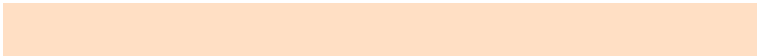
165.1380, -43.2860, 24.5700

Sweetspot

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



165.3240, 86.5640, -4.9240



229.4900, 27.7390, -1.6130



127.5300, 77.2430, 70.4190



112.1560, 17.0560, -0.7360



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.



165.3240, 86.5640, -4.9240



155.4050, 108.2050, -6.1550



218.7410, 61.5390, -52.5170



117.1100, 5.5020, -0.5940



105.5090, 87.4810, -5.0230



33.4900, 27.7390, -1.6130

Inverse Universe

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



140.6760, -86.5640, 4.9240



124.5950, -108.2050, 6.1550



87.2590, -61.5390, 52.5170



115.4770, -5.7770, 0.0710



80.4910, -87.4810, 5.0230



25.5100, -27.7390, 1.6130

Previews

White Background



This preview shows how the YIQ color 165.3240, 86.5640, -4.9240 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 165.3240, 86.5640, -4.9240 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 165.3240, 86.5640, -4.9240

Background



This preview shows how black text looks on a background with the YIQ color 165.3240, 86.5640, -4.9240.



This preview shows how white text looks on a background with the YIQ color 165.3240, 86.5640,

-4.9240.

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

165.3240, 86.5640, -4.9240

Protanopia

164.3520, 44.6620, -27.4820

Deuteranopia

165.1650, 64.4220, -22.1540



Tritanopia

171.2260, 64.7340, 27.2780

Trichromacy



Original Color

165.3240, 86.5640, -4.9240

Protanomaly

164.7070, 60.0200, -19.4680

Deuteranomaly

165.4590, 72.5820, -15.8500

Tritanomaly

168.8550, 72.6680, 15.6440

Monochromacy



Original Color

165.3240, 86.5640, -4.9240

Achromatopsia

165.0000, -0.0000, -0.0000

Achromatomaly

165.2300, 31.4070, -2.0090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 165.3240, 86.5640, -4.9240 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(245, 145, 61)` looks like.

```
.text, #text, p{  
    color:rgb(245, 145, 61)  
}
```

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(245, 145, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 145, 61) }
```

Border

The CSS property to change the border of an element to YIQ 165.3240, 86.5640, -4.9240 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(245, 145, 61) }
```


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

```
.border{ border-color:rgb(245, 145, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 145, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 145, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 145, 61);  
box-shadow:4px 4px 4px 4px rgb(245, 145,  
61) }
```

Background

The CSS property to change the background color of an element to YIQ 165.3240, 86.5640, -4.9240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 145, 61) }
```

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

```
.background{ background-color: rgb(245,  
145, 61) }
```

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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