

Converting Colors

YIQ(165.8970, 88.9040,
-14.2960)

Have a look what the booklet for
YIQ(165.8970, 88.9040, -14.2960)
contains.

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Color

**YIQ(165.8970, 88.9040,
-14.2960)**

Conversions

Conversions Part 1

Format	Color
Hex	F2972B
RGB	242, 151, 43
RGB Percent	95%, 59%, 17%
CMY	0.0508, 0.4080, 0.8309
CMYK	0.00, 0.38, 0.82, 0.05
HSL	33°, 88%, 56%
HSV	33°, 82%, 95%
XYZ	48.1295, 41.1800, 7.7081
YIQ	165.8970, 88.9040, -14.2960

Conversions

Conversions Part 2

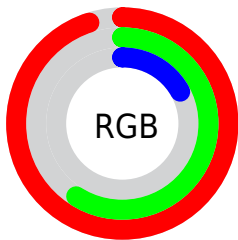
Format	Color
R _Y B	211, 242, 43
Decimal	15898411
CIE Lab	70.30, 26.54, 66.06
CIE LCh	70, 71.192, 68.113
Yxy	41.1800, 0.4961, 0.4245
Android (android.graphics.Color)	4294088491 (0xFFFF2972B)
YUV	165.8970, -60.5882, 66.7423
Hunter-Lab	64.1717, 21.5767, 37.7985

Details

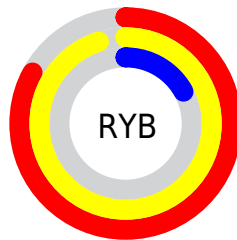
The YIQ color **165.8970, 88.9040, -14.2960** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **119.1030, -88.9040, 14.2960**, and the grayscale version is **166.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **207.7520, 64.1470, -22.6770**, and **112.5200, 79.7800, -14.1400** is the 20% darker color. If you saturate the color by 10%, you get **156.7040, 99.6330, -16.0070**, and if you desaturate by 10%, it is **175.0900, 78.1750, -12.5850**.

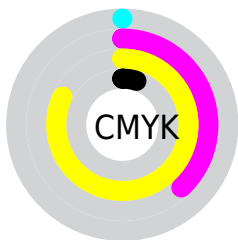
Distribution



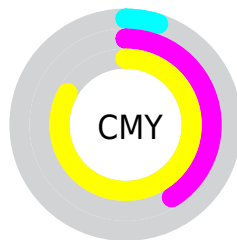
- Red (95%)
- Green (59%)
- Blue (17%)



- Red (83%)
- Yellow (95%)
- Blue (17%)



- Cyan (0%)
- Magenta (38%)
- Yellow (82%)
- Black (5%)



- Cyan (5%)
- Magenta (41%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 165.8970, 88.9040, -14.2960 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 165.8970, 88.9040, -14.2960 by changing the saturation by 10% instead.

165.8970, 88.9040,
-14.2960

165.8970, 88.9040,
-14.2960

255.0000, -0.0000,
-0.0000

137.0340, 89.7760,
-19.0880

207.7520, 64.1470,
-22.6770

112.5200, 79.7800,
-14.1400

227.8530, 47.5050,
-29.4470

88.8750, 68.7750,
-7.4250

243.3720, 32.7420,
-31.7220

66.4040, 57.2200,
-1.7560

246.5640, 23.7540,
-23.0140

44.2320, 46.2610,
4.1250

249.7560, 14.7660,
-14.3060

22.3590, 35.8980,
10.2180

253.0620, 5.4570,

12.0740, 23.5190,

-5.2870

8.7910

■ 0.0000, 0.0000,
0.0000

■ 165.8970, 88.9040,
-14.2960

■ 165.8970, 88.9040,
-14.2960

■ 156.7040, 99.6330,
-16.0070

■ 175.0900, 78.1750,
-12.5850


■ 149.2550,
108.2070, -17.2090

■ 184.3970, 67.1250,
-10.5630


■ 193.5900, 56.3960,
-8.8520

■ 202.7830, 45.6670,
-7.1410

■ 211.9760, 34.9380,
-5.4300

 221.1690, 24.2090,
-3.7190

 231.0630, 12.8840,
-2.2200

 240.2560, 2.1550,
-0.5090

 248.7650, -6.6480,
-0.6640

Harmonies

Analogous

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



159.8630, 87.3850, 18.7530



165.8970, 88.9040, -14.2960



160.1740, 59.0620, -46.1700

Triad

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



165.8970, 88.9040, -14.2960



140.0060, -115.8980, -47.1780



174.2620, -4.8680, 44.1880

Complementary

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



165.8970, 88.9040, -14.2960



119.1030, -88.9040, 14.2960

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.



144.3640, -103.4810, -2.3690



165.8970, 88.9040, -14.2960



145.9000, -135.2500, -26.8500

Square

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



165.8970, 88.9040, -14.2960



130.6070, -93.5660, -66.4460



141.7740, -134.6550, -21.1110



171.4060, 47.9930, 60.8650

Rectangle

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



165.8970, 88.9040, -14.2960



157.1400, 20.8710, -53.3770



141.7740, -134.6550, -21.1110



169.3790, -27.6070, 32.2730

Sweetspot

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



165.8970, 88.9040, -14.2960



230.6810, 28.5190, -4.7370



113.1030, 88.7510, 71.1110



112.9880, 17.4690, -2.7150



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.



165.8970, 88.9040, -14.2960



158.1800, 112.7920, -17.7040



217.2210, 59.7070, -63.3730



115.1100, 5.5020, -0.5940



113.7160, 82.1640, -13.2920



34.3540, 25.1260, -3.8180

Inverse Universe

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



119.1030, -88.9040, 14.2960



99.2330, -112.5170, 18.2270



67.7790, -59.7070, 63.3730



112.3030, -5.2270, 1.1170



70.2840, -82.1640, 13.2920



21.6460, -25.1260, 3.8180

Previews

White Background



This preview shows how the YIQ color 165.8970, 88.9040, -14.2960 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 165.8970, 88.9040, -14.2960 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 165.8970, 88.9040, -14.2960

Background



This preview shows how black text looks on a background with the YIQ color 165.8970, 88.9040, -14.2960.



This preview shows how white text looks on a background with the YIQ color 165.8970, 88.9040, -14.2960.

-14.2960.

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

165.8970, 88.9040, -14.2960

Protanopia

164.8440, 51.7240, -34.3240

Deuteranopia

164.7820, 72.6300, -27.7380



Tritanopia

174.1330, 60.5620, 25.7940

Trichromacy



Original Color

165.8970, 88.9040, -14.2960

Protanomaly

165.3020, 65.2940, -26.9460

Deuteranomaly

165.3530, 78.4520, -23.1160

Tritanomaly

171.4370, 70.7890, 11.1490

Monochromacy



Original Color

165.8970, 88.9040, -14.2960

Achromatopsia

166.0000, -0.0000, 0.0000

Achromatomaly

166.3070, 32.5080, -5.4440

CSS Examples

Text

The CSS property to change the color of the text to YIQ 165.8970, 88.9040, -14.2960 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(242, 151, 43)` looks like.

```
.text, #text, p{  
    color:rgb(242, 151, 43)  
}
```

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(242, 151, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 151, 43) }
```

Border

The CSS property to change the border of an element to YIQ 165.8970, 88.9040, -14.2960 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(242, 151, 43) }
```


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

```
.border{ border-color:rgb(242, 151, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 151, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 151, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 151, 43);  
box-shadow:4px 4px 4px 4px rgb(242, 151,  
43) }
```

Background

The CSS property to change the background color of an element to YIQ 165.8970, 88.9040, -14.2960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 151, 43) }
```

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

```
.background{ background-color: rgb(242,  
151, 43) }
```

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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