

# Converting Colors

YIQ(175.4520, 74.4600, -5.8280)

Have a look what the booklet for  
YIQ(175.4520, 74.4600, -5.8280)  
contains.

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# Color

**YIQ(175.4520, 74.4600,  
-5.8280)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | F39F53                     |
| RGB           | 243, 159, 83               |
| RGB Percent   | 95%, 62%, 33%              |
| CMY           | 0.0469, 0.3766, 0.6741     |
| CMYK          | 0.00, 0.35, 0.66, 0.05     |
| HSL           | 28°, 87%, 64%              |
| HSV           | 28°, 66%, 95%              |
| XYZ           | 50.9324, 44.4716, 14.1014  |
| YIQ           | 175.4520, 74.4600, -5.8280 |

# Conversions

## Conversions Part 2

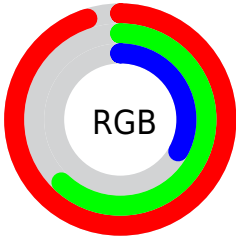
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 243, 228, 83                   |
| Decimal                             | 15966035                       |
| CIE <sub>Lab</sub>                  | 72.54, 24.47, 51.47            |
| CIE <sub>LCh</sub>                  | 73, 56.993, 64.571             |
| Yxy                                 | 44.4716, 0.4651,<br>0.4061     |
| Android<br>(android.graphics.Color) | 4294156115<br>(0xFFFF39F53)    |
| YUV                                 | 175.4520, -45.5788,<br>59.2396 |
| Hunter-Lab                          | 66.6870, 19.6276,<br>34.1437   |

# Details

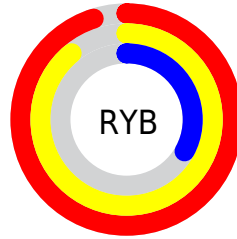
The YIQ color **175.4520, 74.4600, -5.8280** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **150.5480, -74.4600, 5.8280**, and the grayscale version is **176.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **217.2530, 49.7950, -15.8770**, and **120.8750, 68.7750, -7.4250** is the 20% darker color. If you saturate the color by 10%, you get **165.0850, 85.7390, -6.4930**, and if you desaturate by 10%, it is **185.8190, 63.1810, -5.1630**.

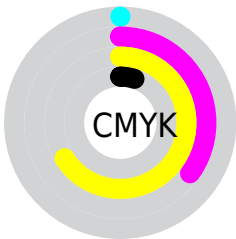
# Distribution



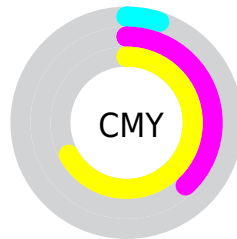
- Red (95%)
- Green (62%)
- Blue (33%)



- Red (95%)
- Yellow (89%)
- Blue (33%)



- Cyan (0%)
- Magenta (35%)
- Yellow (66%)
- Black (5%)



- Cyan (5%)
- Magenta (38%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 175.4520, 74.4600, -5.8280 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 175.4520, 74.4600, -5.8280 by changing the saturation by 10% instead.



175.4520, 74.4600,  
-5.8280

175.4520, 74.4600,  
-5.8280

255.0000, -0.0000,  
-0.0000

148.0710, 71.1590,  
-6.5770

217.2530, 49.7950,  
-15.8770

120.8750, 68.7750,  
-7.4250

236.7670, 33.4280,  
-22.1240

94.5820, 68.0420,  
-10.6620

247.5900, 20.8650,  
-20.2150

71.7090, 57.6790,  
-4.5690

250.7820, 11.8770,  
-11.5070

49.5370, 46.7200,  
1.3120

254.0880, 2.5680,  
-2.4880

28.2510, 36.0820,  
6.8820

12.8570, 25.6280,

9.1160

■ 0.0000, 0.0000,  
0.0000

■ 175.4520, 74.4600,  
-5.8280

■ 175.4520, 74.4600,  
-5.8280

■ 165.0850, 85.7390,  
-6.4930

■ 185.8190, 63.1810,  
-5.1630

■ 154.6040, 97.3390,  
-7.4690

■ 196.3000, 51.5810,  
-4.1870

■ 144.8240,  
108.3430, -8.6570

■ 206.0800, 40.5770,  
-2.9990

■ 140.1620,  
113.2030, -8.6290

■ 216.4470, 29.2980,  
-2.3340

■ 226.9280, 17.6980,  
-1.3580

■ 237.2950, 6.4190,  
-0.6930

■ 247.0750, -4.5850,  
0.4950

■ 251.4120, -7.1520,  
-2.5440

# Harmonies

## Analogous

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



172.3330, 74.3180, 18.7820



175.4520, 74.4600, -5.8280



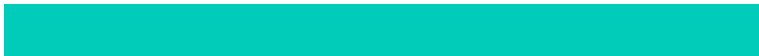
172.1520, 48.1010, -29.2350

# Triad

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



175.4520, 74.4600, -5.8280



140.8380, -115.4850, -49.1570



180.9850, -11.6980, 35.8060

# Complementary

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



175.4520, 74.4600, -5.8280



150.5480, -74.4600, 5.8280

# 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.



163.4230, -75.6060, 4.5700



175.4520, 74.4600, -5.8280



145.4780, -131.3060, -32.2500

# Square

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



175.4520, 74.4600, -5.8280



153.8510, -55.6060, -49.5420



143.5350, -135.4800, -22.6800



182.4550, 37.1290, 48.4970



# Rectangle

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



175.4520, 74.4600, -5.8280



168.5830, 21.6020, -39.0860



143.5350, -135.4800, -22.6800



177.0210, -29.7150, 26.4210

# Sweetspot

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



175.4520, 74.4600, -5.8280



233.3370, 23.7960, -1.7400



140.5300, 68.0750, 60.3550



114.4870, 14.6260, -0.7500



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.



175.4520, 74.4600, -5.8280



169.8640, 93.6710, -7.0730



221.8250, 52.7350, -47.1450



117.1100, 5.5020, -0.5940



107.2700, 86.6560, -6.5920



34.0770, 27.4640, -2.1360



# Inverse Universe

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



150.5480, -74.4600, 5.8280



138.5490, -93.3960, 7.5960



104.1750, -52.7350, 47.1450



115.4770, -5.7770, 0.0710



78.7300, -86.6560, 6.5920



24.9230, -27.4640, 2.1360



# Previews

## White Background



This preview shows how the YIQ color 175.4520, 74.4600, -5.8280 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 175.4520, 74.4600, -5.8280 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

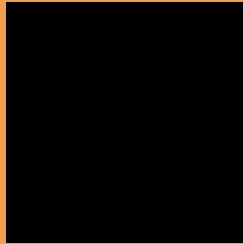
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 175.4520, 74.4600, -5.8280

## Background



This preview shows how black text looks on a background with the YIQ color 175.4520, 74.4600, -5.8280.



This preview shows how white text looks on a background with the YIQ color 175.4520, 74.4600, -5.8280.

-5.8280.

# 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

175.4520, 74.4600, -5.8280

### Protanopia

174.1220, 39.6180, -24.1740

### Deuteranopia

174.9890, 59.2860, -17.1780



## Tritanopia

180.5560, 54.8770, 24.1970

# Trichromacy



## Original Color

175.4520, 74.4600, -5.8280

## Protanomaly

174.8680, 52.3170, -17.5310

## Deuteranomaly

175.1470, 64.8330, -13.0790

## Tritanomaly

178.5270, 61.8480, 13.4960

# Monochromacy



## Original Color

175.4520, 74.4600, -5.8280

## Achromatopsia

175.0000, -0.0000, -0.0000

## Achromatomaly

175.1910, 27.1430, -1.8250

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 175.4520, 74.4600, -5.8280 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(243, 159, 83)` looks like.

```
.text, #text, p{  
    color:rgb(243, 159, 83)  
}
```

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(243, 159, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 159, 83) }
```

## Border

The CSS property to change the border of an element to YIQ 175.4520, 74.4600, -5.8280 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(243, 159, 83) }
```



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

```
.border{ border-color:rgb(243, 159, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 159, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 159, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 159, 83);  
box-shadow:4px 4px 4px 4px rgb(243, 159,  
83) }
```

# Background

The CSS property to change the background color of an element to YIQ 175.4520, 74.4600, -5.8280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 159, 83) }
```

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

```
.background{ background-color: rgb(243,  
159, 83) }
```

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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