

Converting Colors

YIQ(135.0420, 105.6340,
12.9140)

Have a look what the booklet for
YIQ(135.0420, 105.6340, 12.9140)
contains.

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Color

**YIQ(135.0420, 105.6340,
12.9140)**

Conversions

Conversions Part 1

Format	Color
Hex	F46228
RGB	244, 98, 40
RGB Percent	96%, 38%, 16%
CMY	0.0428, 0.6159, 0.8427
CMYK	0.00, 0.60, 0.84, 0.04
HSL	17°, 90%, 56%
HSV	17°, 84%, 96%
XYZ	42.0827, 28.1252, 5.2287
YIQ	135.0420, 105.6340, 12.9140

Conversions

Conversions Part 2

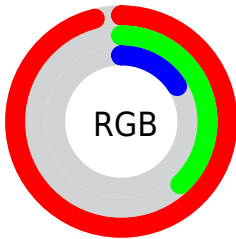
Format	Color
R _Y B	244, 121, 40
Decimal	16015912
CIE Lab	60.00, 53.49, 58.34
CIE LCh	60, 79.154, 47.482
Yxy	28.1252, 0.5579, 0.3728
Android (android.graphics.Color)	4294205992 (0xFFFF46228)
YUV	135.0420, -46.8557, 95.5562
Hunter-Lab	53.0332, 48.8348, 31.2776

Details

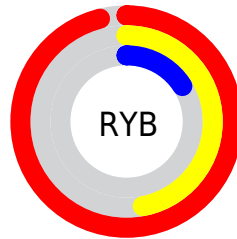
The YIQ color **135.0420, 105.6340, 12.9140** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed orange. A complement of this color would be **148.9580, -105.6340, -12.9140**, and the grayscale version is **135.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **176.4300, 80.6940, 2.3420**, and **77.8870, 96.0050, 16.7170** is the 20% darker color. If you saturate the color by 10%, you get **121.7400, 118.2880, 14.8640**, and if you desaturate by 10%, it is **147.8710, 92.9340, 11.7980**.

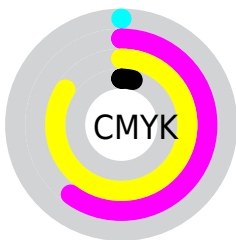
Distribution



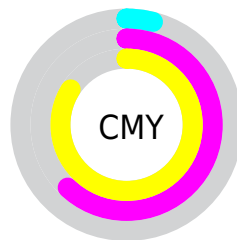
- Red (96%)
- Green (38%)
- Blue (16%)



- Red (96%)
- Yellow (47%)
- Blue (16%)



- Cyan (0%)
- Magenta (60%)
- Yellow (84%)
- Black (4%)





- Cyan (4%)
- Magenta (62%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 135.0420, 105.6340, 12.9140 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 135.0420, 105.6340, 12.9140 by changing the saturation by 10% instead.


 135.0420,
105.6340, 12.9140


 135.0420,
105.6340, 12.9140


255.0000, -0.0000,
-0.0000


 105.7320,
103.5710, 11.7550


 176.4300, 80.6940,
2.3420


 77.8870, 96.0050,
16.7170


 195.8300, 64.6480,
-4.2160


 44.2520, 88.2080,
31.3760


 215.9310, 48.0060,
-10.9860

 34.9830, 69.7320,
24.8040

 236.0320, 31.3640,
-17.7560

 26.0130, 51.8520,
18.4440

 248.6160, 17.9760,
-17.4160

 18.2820, 34.7970,
13.6530

 251.8080, 8.9880,

 6.5780, 13.1120,

-8.7080

4.6640

■ 0.0000, 0.0000,
0.0000

■ 135.0420,
105.6340, 12.9140

■ 135.0420,
105.6340, 12.9140

■ 121.7400,
118.2880, 14.8640

■ 147.8710, 92.9340,
11.7980


■ 113.4590,
126.4490, 15.6410


■ 161.1730, 80.2800,
9.8480


■ 173.8880, 67.9010,
8.4210


■ 187.3040, 54.9260,
6.7820

■ 200.0190, 42.5470,
5.3550

 213.4350, 29.5720,
3.7160

 226.1500, 17.1930,
2.2890

 239.4520, 4.5390,
0.3390

 251.7110, -6.5560,
-2.3320

Harmonies

Analogous

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



126.0110, 100.0330, 53.8650



135.0420, 105.6340, 12.9140



136.0990, 81.9830, -26.5370

Triad

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



135.0420, 105.6340, 12.9140



114.3190, -83.5270, -55.6470



127.1080, -87.3000, 18.2680

Complementary

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



135.0420, 105.6340, 12.9140



148.9580, -105.6340, -12.9140

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.



123.5770, -126.1300, -4.8980



135.0420, 105.6340, 12.9140



123.8150, -107.5100, -33.9900

Square

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



135.0420, 105.6340, 12.9140



112.5980, -36.6210, -68.7250



129.1220, -126.5870, -13.1390



147.3110, 11.7720, 62.0120

Rectangle

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



135.0420, 105.6340, 12.9140



133.8300, 54.3390, -43.1730



129.1220, -126.5870, -13.1390



115.9460, -122.5550, 1.9010

Sweetspot

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



135.0420, 105.6340, 12.9140



220.7020, 33.1940, 4.1540



117.6400, 74.7180, 88.6540



107.1180, 20.2190, 2.5150



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.



135.0420, 105.6340, 12.9140



118.5090, 132.1800, 16.4040



194.9160, 77.5840, -40.4320



115.9360, 6.0520, 0.4520



86.7250, 96.2810, 11.7130



27.6200, 30.4890, 3.6170

Inverse Universe

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



148.9580, -105.6340, -12.9140



136.4910, -132.1800, -16.4040



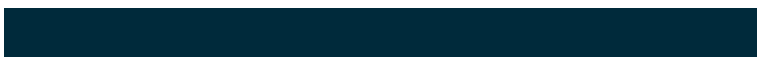
89.0840, -77.5840, 40.4320



116.6510, -6.3270, -0.9750



99.2750, -96.2810, -11.7130



31.3800, -30.4890, -3.6170

Previews

White Background



This preview shows how the YIQ color 135.0420, 105.6340, 12.9140 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 135.0420, 105.6340, 12.9140 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 × Fail

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

YIQ 135.0420, 105.6340, 12.9140

Background



This preview shows how black text looks on a background with the YIQ color 135.0420, 105.6340, 12.9140.



This preview shows how white text looks on a background with the YIQ color 135.0420, 105.6340,

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

135.0420, 105.6340, 12.9140

Protanopia

139.4810, 39.9850, -25.3190

Deuteranopia

137.7580, 64.0100, -25.7020



Tritanopia

138.7300, 89.8580, 34.5140

Trichromacy



Original Color

135.0420, 105.6340, 12.9140

Protanomaly

138.0160, 63.8240, -11.3120

Deuteranomaly

136.8020, 79.0460, -11.8500

Tritanomaly

137.2110, 95.4530, 26.7250

Monochromacy



Original Color

135.0420, 105.6340, 12.9140

Achromatopsia

135.0000, -0.0000, -0.0000

Achromatomaly

135.3390, 38.6500, 4.3940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 135.0420, 105.6340, 12.9140 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(244, 98, 40)` looks like.

```
.text, #text, p{  
    color:rgb(244, 98, 40)  
}
```

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(244, 98, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 98, 40) }
```

Border

The CSS property to change the border of an element to YIQ 135.0420, 105.6340, 12.9140 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(244, 98, 40) }
```


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

```
.border{ border-color:rgb(244, 98, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 98, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 98, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 98, 40);  
box-shadow:4px 4px 4px 4px rgb(244, 98,  
40) }
```

Background

The CSS property to change the background color of an element to YIQ 135.0420, 105.6340, 12.9140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 98, 40) }
```

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

```
.background{ background-color: rgb(244, 98,  
40) }
```

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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