

Converting Colors

YIQ(139.7460, 108.9830, 1.7750)

Have a look what the booklet for
YIQ(139.7460, 108.9830, 1.7750)
contains.

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Color

**YIQ(139.7460, 108.9830,
1.7750)**

Conversions

Conversions Part 1

Format	Color
Hex	F56D16
RGB	245, 109, 22
RGB Percent	96%, 43%, 9%
CMY	0.0389, 0.5727, 0.9132
CMYK	0.00, 0.56, 0.91, 0.04
HSL	23°, 92%, 52%
HSV	23°, 91%, 96%
XYZ	43.2887, 30.4083, 4.3533
YIQ	139.7460, 108.9830, 1.7750

Conversions

Conversions Part 2

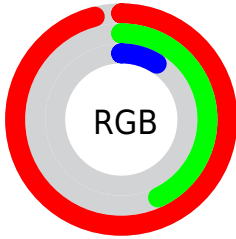
Format	Color
R _Y B	245, 165, 22
Decimal	16084246
CIE Lab	62.00, 48.47, 66.10
CIE LCh	62, 81.966, 53.751
Yxy	30.4083, 0.5546, 0.3896
Android (android.graphics.Color)	4294274326 (0xFFFF56D16)
YUV	139.7460, -58.0488, 92.3078
Hunter-Lab	55.1437, 43.6240, 33.9199

Details

The YIQ color **139.7460, 108.9830, 1.7750** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed orange. A complement of this color would be **127.2540, -108.9830, -1.7750**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.9320, 81.7960, -6.6200**, and **86.9910, 92.4760, 9.0840** is the 20% darker color. If you saturate the color by 10%, you get **129.0200, 119.8950, 2.2550**, and if you desaturate by 10%, it is **151.4010, 96.8330, 1.7050**.

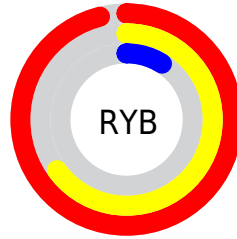
Distribution



Red (96%)

Green (43%)

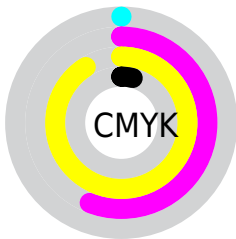
Blue (9%)



Red (96%)

Yellow (65%)

Blue (9%)

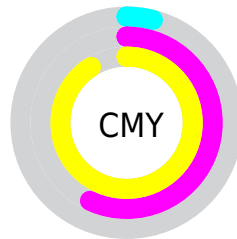


Cyan (0%)

Magenta (56%)

Yellow (91%)

Black (4%)



Cyan (4%)

Magenta (57%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 139.7460, 108.9830, 1.7750 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 139.7460, 108.9830, 1.7750 by changing the saturation by 10% instead.

139.7460,
108.9830, 1.7750

139.7460,
108.9830, 1.7750

255.0000, -0.0000,
-0.0000

111.8210,
104.3980, 2.2700

180.9320, 81.7960,
-6.6200

86.4040, 92.7510,
9.6070

200.3320, 65.7500,
-13.1780

59.8130, 81.6540,
17.9900

220.4330, 49.1080,
-19.9480

35.2820, 70.3280,
25.0160

240.5340, 32.4660,
-26.7180

26.3120, 52.4480,
18.6560

247.2480, 21.8280,
-21.1480

18.3530, 36.0350,
13.2430

250.5540, 12.5190,

8.1870, 15.7710,

-12.1290

6.0350

253.8600, 3.2100,
-3.1100

0.0000, 0.0000,
0.0000

139.7460,
108.9830, 1.7750

139.7460,
108.9830, 1.7750

129.0200,
119.8950, 2.2550

151.4010, 96.8330,
1.7050

162.9420, 85.0040,
1.3240

174.5970, 72.8540,
1.2540

186.1380, 61.0250,
0.8730

197.7930, 48.8750,
0.8030

209.3340, 37.0460,
0.4220

220.9890, 24.8960,
0.3520

232.5300, 13.0670,
-0.0290

244.1850, 0.9170,
-0.0990

Harmonies

Analogous

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



128.8660, 101.6390, 46.7830



139.7460, 108.9830, 1.7750



140.4740, 76.2530, -32.8270

Triad

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



139.7460, 108.9830, 1.7750



121.2950, -92.1470, -53.6110



141.7810, -55.1620, 30.5500

Complementary

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



139.7460, 108.9830, 1.7750



127.2540, -108.9830, -1.7750

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.



125.3380, -126.9550, -6.4670



139.7460, 108.9830, 1.7750



130.4320, -116.4970, -30.8090

Square

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



139.7460, 108.9830, 1.7750



108.9950, -65.7800, -74.4200



132.9690, -130.5300, -13.2660



151.2100, 28.4140, 68.7820

Rectangle

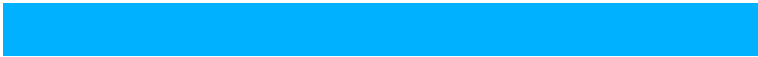
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



139.7460, 108.9830, 1.7750



137.0090, 46.2250, -50.3110



132.9690, -130.5300, -13.2660



115.9460, -122.5550, 1.9010

Sweetspot

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



139.7460, 108.9830, 1.7750



222.4800, 33.6990, 0.5070



104.4090, 88.6100, 90.1940



108.6510, 20.0360, 0.3240



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.



139.7460, 108.9830, 1.7750



134.3580, 124.7550, 2.2830



204.3160, 78.7330, -55.7550



116.5230, 5.7770, -0.0710



97.8780, 91.0560, 1.7760



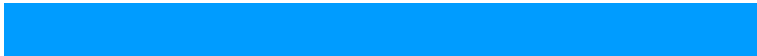
31.1420, 28.8390, 0.4790

Inverse Universe

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



127.2540, -108.9830, -1.7750



120.6420, -124.7550, -2.2830



62.6840, -78.7330, 55.7550



116.0640, -6.0520, -0.4520



88.1220, -91.0560, -1.7760



27.8580, -28.8390, -0.4790

Previews

White Background



This preview shows how the YIQ color 139.7460, 108.9830, 1.7750 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 139.7460, 108.9830, 1.7750 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 139.7460, 108.9830, 1.7750

Background



This preview shows how black text looks on a background with the YIQ color 139.7460, 108.9830, 1.7750.



This preview shows how white text looks on a background with the YIQ color 139.7460, 108.9830,

1.7750.

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

139.7460, 108.9830, 1.7750

Protanopia

142.9300, 48.6060, -32.8820

Deuteranopia

140.7510, 73.9150, -34.5090



Tritanopia

146.3380, 85.0900, 32.8180

Trichromacy



Original Color

139.7460, 108.9830, 1.7750

Protanomaly

142.0410, 70.7030, -20.3450

Deuteranomaly

140.5990, 86.5670, -21.5050

Tritanomaly

144.2660, 93.6200, 21.3960

Monochromacy



Original Color

139.7460, 108.9830, 1.7750

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

140.0030, 39.4760, 0.4360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 139.7460, 108.9830, 1.7750 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, 109, 22)` looks like.

```
.text, #text, p{  
    color:rgb(245, 109, 22)  
}
```

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, 109, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 109, 22) }
```

Border

The CSS property to change the border of an element to YIQ 139.7460, 108.9830, 1.7750 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, 109, 22) }
```


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

```
.border{ border-color:rgb(245, 109, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 109, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 109, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 109, 22);  
box-shadow:4px 4px 4px 4px rgb(245, 109,  
22) }
```

Background

The CSS property to change the background color of an element to YIQ 139.7460, 108.9830, 1.7750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 109, 22) }
```

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

```
.background{ background-color: rgb(245,  
109, 22) }
```

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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