

Converting Colors

YIQ(131.5760, 112.8780,
13.7900)

Have a look what the booklet for
YIQ(131.5760, 112.8780, 13.7900)
contains.

| | |
|--|----|
| YIQ(131.5760, 112.8780, 13.7900) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**YIQ(131.5760, 112.8780,
13.7900)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | F85C1E |
| RGB | 248, 92, 30 |
| RGB Percent | 97%, 36%, 12% |
| CMY | 0.0271, 0.6394, 0.8818 |
| CMYK | 0.00, 0.63, 0.88, 0.03 |
| HSL | 17°, 94%, 55% |
| HSV | 17°, 88%, 97% |
| XYZ | 42.7989, 27.7093, 4.3295 |
| YIQ | 131.5760, 112.8780, 13.7900 |

Conversions

Conversions Part 2

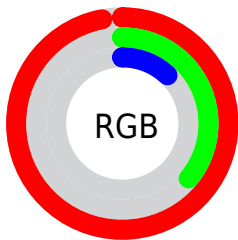
| Format | Color |
|-------------------------------------|---------------------------------|
| R _Y B | 248, 117, 30 |
| Decimal | 16276510 |
| CIE Lab | 59.63, 57.27, 62.12 |
| CIE LCh | 60, 84.493, 47.330 |
| Yxy | 27.7093, 0.5719, 0.3703 |
| Android (android.graphics.Color) | 4294466590 (0xFFFF85C1E) |
| YUV | 131.5760, -50.0770, 102.1038 |
| Hunter-Lab | 52.6396, 53.0111, 31.9713 |

Details

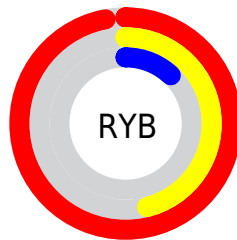
The YIQ color **131.5760, 112.8780, 13.7900** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **146.4240, -112.8780, -13.7900**, and the grayscale version is **132.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **172.4690, 84.9580, 2.1580**, and **72.9140, 100.5430, 22.5830** is the 20% darker color. If you saturate the color by 10%, you get **118.1600, 125.8530, 15.4290**, and if you desaturate by 10%, it is **144.9920, 99.9030, 12.1510**.

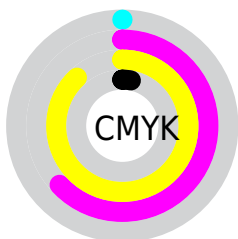
Distribution



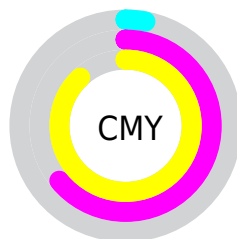
- Red (97%)
- Green (36%)
- Blue (12%)



- Red (97%)
- Yellow (46%)
- Blue (12%)



- Cyan (0%)
- Magenta (63%)
- Yellow (88%)
- Black (3%)





- Cyan (3%)
- Magenta (64%)
- Yellow (88%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 131.5760, 112.8780, 13.7900 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 131.5760, 112.8780, 13.7900 by changing the saturation by 10% instead.


 131.5760,
112.8780, 13.7900


 131.5760,
112.8780, 13.7900


255.0000, -0.0000,
-0.0000


 101.8530,
110.5400, 12.1080


 172.5830, 84.6370,
2.4690


 72.9140, 100.5430,
22.5830


 191.9830, 68.5910,
-4.0890

 45.1490, 89.9960,
32.0120


 211.9700, 52.2700,
-11.1700

 35.8800, 71.5200,
25.4400

 232.0710, 35.6280,
-17.9400

 26.6110, 53.0440,
18.8680

 247.5900, 20.8650,
-20.2150

 18.8800, 35.9890,
14.0770

 250.7820, 11.8770,

 7.5890, 14.5790,

-11.5070

5.6110

254.0880, 2.5680,
-2.4880

0.0000, 0.0000,
0.0000

131.5760,
112.8780, 13.7900

131.5760,
112.8780, 13.7900

118.1600,
125.8530, 15.4290

144.9920, 99.9030,
12.1510

115.2420,
128.5580, 15.9660

157.8210, 87.2030,
11.0350

171.2370, 74.2280,
9.3960

184.5390, 61.5740,
7.4460

197.9550, 48.5990,
5.8070

211.3710, 35.6240,
4.1680

224.2000, 22.9240,
3.0520

237.6160, 9.9490,
1.4130

250.9180, -2.7050,
-0.5370

Harmonies

Analogous

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



116.8640, 105.1210, 60.7770



131.5760, 112.8780, 13.7900



135.2240, 83.1290, -25.2790

Triad

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



131.5760, 112.8780, 13.7900



114.4500, -82.5180, -57.4140



113.0660, -113.8450, 9.2510

Complementary

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



131.5760, 112.8780, 13.7900



146.4240, -112.8780, -13.7900

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.



124.1640, -126.4050, -5.4210



131.5760, 112.8780, 13.7900



124.5160, -108.1060, -34.2020

Square

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



131.5760, 112.8780, 13.7900



100.4230, -52.6660, -80.8100



130.3930, -128.7880, -11.7960



145.9460, 11.5420, 66.1820

Rectangle

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



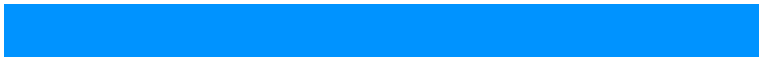
131.5760, 112.8780, 13.7900



133.2320, 53.1470, -43.5970



130.3930, -128.7880, -11.7960



115.3590, -122.2800, 2.4240

Sweetspot

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



131.5760, 112.8780, 13.7900



219.8870, 34.1110, 4.0550



112.9660, 79.8520, 94.7320



106.4170, 20.8150, 2.7270



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.



131.5760, 112.8780, 13.7900



118.5090, 132.1800, 16.4040



195.5590, 82.9030, -43.2170



118.2350, 6.6480, 0.6640



88.2090, 97.7940, 11.8260



28.2180, 31.6810, 4.0410

Inverse Universe

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



146.4240, -112.8780, -13.7900



136.4910, -132.1800, -16.4040



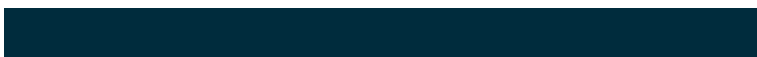
82.4410, -82.9030, 43.2170



118.7650, -6.6480, -0.6640



100.7910, -97.7940, -11.8260



32.7820, -31.6810, -4.0410

Previews

White Background



This preview shows how the YIQ color 131.5760, 112.8780, 13.7900 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 131.5760, 112.8780, 13.7900 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 131.5760, 112.8780, 13.7900

Background



This preview shows how black text looks on a background with the YIQ color 131.5760, 112.8780, 13.7900.



This preview shows how white text looks on a background with the YIQ color 131.5760, 112.8780,

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

131.5760, 112.8780, 13.7900

Protanopia

137.5690, 42.5530, -27.8070

Deuteranopia

134.8370, 70.7970, -33.0670



Tritanopia

135.6060, 96.1390, 36.3230

Trichromacy



Original Color

131.5760, 112.8780, 13.7900

Protanomaly

135.4140, 68.4550, -12.6410

Deuteranomaly

133.8750, 85.9700, -16.1900

Tritanomaly

133.9730, 102.0550, 28.2230

Monochromacy



Original Color

131.5760, 112.8780, 13.7900

Achromatopsia

132.0000, -0.0000, -0.0000

Achromatomaly

131.5350, 41.0340, 5.2420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 131.5760, 112.8780, 13.7900 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(248, 92, 30)` looks like.

```
.text, #text, p{  
    color:rgb(248, 92, 30)  
}
```

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(248, 92, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 92, 30) }
```

Border

The CSS property to change the border of an element to YIQ 131.5760, 112.8780, 13.7900 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(248, 92, 30) }
```


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

```
.border{ border-color:rgb(248, 92, 30) }
```

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

Here you see how a box with a 4 pixel rgb(248, 92, 30) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 92, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 92, 30);  
box-shadow:4px 4px 4px 4px rgb(248, 92,  
30) }
```

Background

The CSS property to change the background color of an element to YIQ 131.5760, 112.8780, 13.7900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 92, 30) }
```

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

```
.background{ background-color: rgb(248, 92,  
30) }
```

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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