

Converting Colors

YIQ(127.3770, 88.2130, 3.7410)

Have a look what the booklet for
YIQ(127.3770, 88.2130, 3.7410)
contains.

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Color

**YIQ(127.3770, 88.2130,
3.7410)**

Conversions

Conversions Part 1

Format	Color
Hex	D66524
RGB	214, 101, 36
RGB Percent	84%, 40%, 14%
CMY	0.1606, 0.6041, 0.8584
CMYK	0.00, 0.53, 0.83, 0.16
HSL	22°, 71%, 49%
HSV	22°, 83%, 84%
XYZ	32.7176, 23.7310, 4.5334
YIQ	127.3770, 88.2130, 3.7410

Conversions

Conversions Part 2

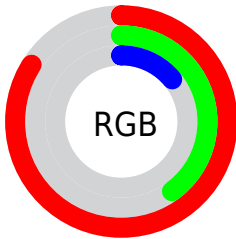
Format	Color
RYB	214, 138, 36
Decimal	14050596
CIELab	55.82, 40.86, 54.50
CIELCh	56, 68.119, 53.144
Yxy	23.7310, 0.5365, 0.3891
Android (android.graphics.Color)	4292240676 (0xFFD66524)
YUV	127.3770, -45.0489, 75.9684
Hunter-Lab	48.7145, 34.6338, 28.5826

Details

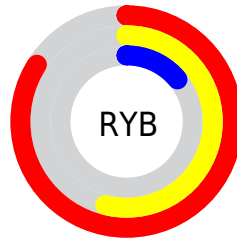
The YIQ color **127.3770, 88.2130, 3.7410** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark washed orange. A complement of this color would be **122.6230, -88.2130, -3.7410**, and the grayscale version is **128.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **176.5610, 81.7030, 0.5750**, and **74.7980, 76.8420, 6.0740** is the 20% darker color. If you saturate the color by 10%, you get **116.7650, 98.8040, 4.5320**, and if you desaturate by 10%, it is **138.1030, 77.3010, 3.2610**.

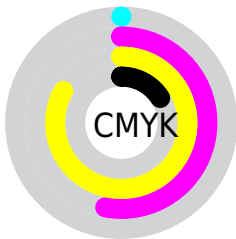
Distribution



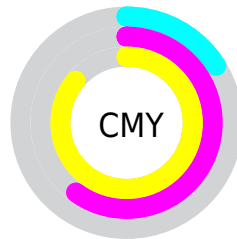
- Red (84%)
- Green (40%)
- Blue (14%)



- Red (84%)
- Yellow (54%)
- Blue (14%)



- Cyan (0%)
- Magenta (53%)
- Yellow (83%)
- Black (16%)



- Cyan (16%)
- Magenta (60%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 127.3770, 88.2130, 3.7410 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 127.3770, 88.2130, 3.7410 by changing the saturation by 10% instead.

127.3770, 88.2130,
3.7410

127.3770, 88.2130,
3.7410

255.0000, -0.0000,
-0.0000

99.4260, 86.5170,
1.4370

176.5610, 81.7030,
0.5750

74.7980, 76.8420,
6.0740

195.9610, 65.6570,
-5.9830

49.3920, 66.6620,
14.3580

215.3610, 49.6110,
-12.5410

27.5080, 54.8320,
19.5040

234.8750, 33.2440,
-18.7880

19.1360, 38.1440,
13.5680

248.0460, 19.5810,
-18.9710

10.8780, 21.1350,
7.9430

251.2380, 10.5930,

0.0000, 0.0000,

-10.2630

0.0000

254.5440, 1.2840,
-1.2440

■ 127.3770, 88.2130,
3.7410

■ 127.3770, 88.2130,
3.7410

■ 116.7650, 98.8040,
4.5320

■ 138.1030, 77.3010,
3.2610

■ 109.7720,
106.0940, 4.5740

■ 148.1280, 66.9850,
2.9930

■ 158.7400, 56.3940,
2.2020

■ 168.8790, 45.7570,
2.2450

■ 179.4910, 35.1660,
1.4540

■ 190.2170, 24.2540,
0.9740

■ 200.2420, 13.9380,
0.7060

■ 210.8540, 3.3470,
-0.0850

■ 220.9930, -7.2900,
-0.0420

Harmonies

Analogous

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



125.2620, 91.4160, 39.3200



127.3770, 88.2130, 3.7410



125.3900, 67.8620, -29.4340

Triad

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



127.3770, 88.2130, 3.7410



107.3720, -81.8780, -46.9820



130.9880, -51.3110, 32.3450

Complementary

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



127.3770, 88.2130, 3.7410



122.6230, -88.2130, -3.7410

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.



113.8430, -120.7670, 2.5370



127.3770, 88.2130, 3.7410



114.3260, -101.4590, -28.0110

Square

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



127.3770, 88.2130, 3.7410



102.2670, -51.3860, -59.9460



117.5640, -116.0880, -10.6800



136.3580, 21.5850, 54.8730

Rectangle

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



127.3770, 88.2130, 3.7410



122.5560, 43.4270, -43.6530



117.5640, -116.0880, -10.6800



115.8510, -96.8820, 15.7100

Sweetspot

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



127.3770, 88.2130, 3.7410



223.6370, 31.8190, 1.5390



102.4460, 68.8520, 73.8120



108.8790, 19.3940, 0.9460



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.



127.3770, 88.2130, 3.7410



130.8360, 126.4050, 5.4210



177.8590, 64.5630, -41.2370



101.6370, 5.4560, 0.2400



87.5230, 84.8660, 3.8260



22.2490, 21.2280, 0.7480

Inverse Universe

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



122.6230, -88.2130, -3.7410



124.1640, -126.4050, -5.4210



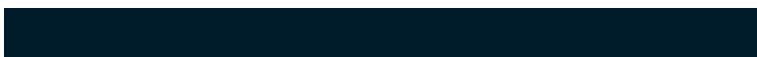
72.1410, -64.5630, 41.2370



101.3630, -5.4560, -0.2400



83.4770, -84.8660, -3.8260



21.3380, -21.5030, -1.2710

Previews

White Background



This preview shows how the YIQ color 127.3770, 88.2130, 3.7410 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 127.3770, 88.2130, 3.7410 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 127.3770, 88.2130, 3.7410

Background



This preview shows how black text looks on a background with the YIQ color 127.3770, 88.2130, 3.7410.



This preview shows how white text looks on a background with the YIQ color 127.3770, 88.2130,

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

127.3770, 88.2130, 3.7410

Protanopia

129.2250, 37.8300, -24.8100

Deuteranopia

127.8160, 58.0950, -23.1290



Tritanopia

132.1620, 70.7860, 27.7300

Trichromacy



Original Color

127.3770, 88.2130, 3.7410

Protanomaly

128.7160, 55.8010, -14.5910

Deuteranomaly

127.7730, 68.8220, -13.7860

Tritanomaly

130.3010, 77.3440, 19.0080

Monochromacy



Original Color

127.3770, 88.2130, 3.7410

Achromatopsia

127.0000, -0.0000, -0.0000

Achromatomaly

127.5230, 32.1400, 1.2280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 127.3770, 88.2130, 3.7410 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(214, 101, 36)` looks like.

```
.text, #text, p{  
    color:rgb(214, 101, 36)  
}
```

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(214, 101, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 101, 36) }
```

Border

The CSS property to change the border of an element to YIQ 127.3770, 88.2130, 3.7410 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(214, 101, 36) }
```


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

```
.border{ border-color:rgb(214, 101, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 101, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 101, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 101, 36);  
box-shadow:4px 4px 4px 4px rgb(214, 101,  
36) }
```

Background

The CSS property to change the background color of an element to YIQ 127.3770, 88.2130, 3.7410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 101, 36) }
```

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

```
.background{ background-color: rgb(214,  
101, 36) }
```

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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