

Converting Colors

YIQ(125.7690, 75.7860, 14.2020)

Have a look what the booklet for
YIQ(125.7690, 75.7860, 14.2020)
contains.

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Color

**YIQ(125.7690, 75.7860,
14.2020)**

Conversions

Conversions Part 1

Format	Color
Hex	CF6042
RGB	207, 96, 66
RGB Percent	81%, 38%, 26%
CMY	0.1880, 0.6237, 0.7408
CMYK	0.00, 0.54, 0.68, 0.19
HSL	13°, 60%, 54%
HSV	13°, 68%, 81%
XYZ	30.9140, 22.0260, 7.7891
YIQ	125.7690, 75.7860, 14.2020

Conversions

Conversions Part 2

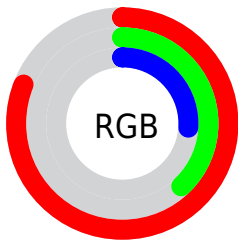
Format	Color
R_{YB}	207, 104, 66
Decimal	13590594
CIE _{Lab}	54.05, 41.90, 37.76
CIE _{LCh}	54, 56.401, 42.027
Yxy	22.0260, 0.5090, 0.3627
Android (android.graphics.Color)	4291780674 (0xFFCF6042)
YUV	125.7690, -29.4661, 71.2396
Hunter-Lab	46.9318, 35.4475, 23.0121

Details

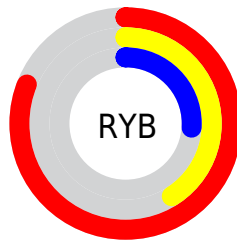
The YIQ color **125.7690, 75.7860, 14.2020** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **147.2310, -75.7860, -14.2020**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.8180, 74.0900, 11.8980**, and **72.1750, 68.7710, 14.6830** is the 20% darker color. If you saturate the color by 10%, you get **113.9830, 86.9270, 16.0390**, and if you desaturate by 10%, it is **137.5550, 64.6450, 12.3650**.

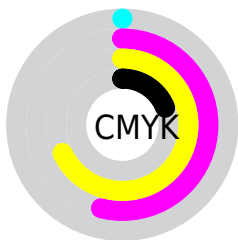
Distribution



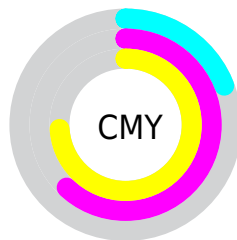
- Red (81%)
- Green (38%)
- Blue (26%)



- Red (81%)
- Yellow (41%)
- Blue (26%)



- Cyan (0%)
- Magenta (54%)
- Yellow (68%)
- Black (19%)





- Cyan (19%)
- Magenta (62%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 125.7690, 75.7860, 14.2020 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 125.7690, 75.7860, 14.2020 by changing the saturation by 10% instead.


 125.7690, 75.7860,
14.2020


 125.7690, 75.7860,
14.2020


255.0000, -0.0000,
-0.0000


 98.9150, 72.4390,
14.2870


 176.8180, 74.0900,
11.8980


 72.1750, 68.7710,
14.6830


 196.2180, 58.0440,
5.3400


 43.2010, 65.8820,
17.4820


 215.7320, 41.6770,
-0.9070

 26.3120, 52.4480,
18.6560

 235.2460, 25.3100,
-7.1540

 17.9400, 35.7600,
12.7200

 251.3520, 10.2720,
-9.9520

 9.0840, 17.5590,
6.6710

254.6580, 0.9630,

 0.0000, 0.0000,

-0.9330

0.0000

■ 125.7690, 75.7860,
14.2020

■ 125.7690, 75.7860,
14.2020

■ 113.9830, 86.9270,
16.0390

■ 137.5550, 64.6450,
12.3650

■ 101.7240, 98.0220,
18.7100

■ 149.8140, 53.5500,
9.6940

■ 89.9380, 109.1630,
20.5470

■ 161.6000, 42.4090,
7.8570

■ 87.7210, 111.2720,
20.8720

■ 173.3860, 31.2680,
6.0200

■ 185.7590, 19.8520,
3.6600

■ 197.4310, 9.0320,
1.5120

■ 209.2170, -2.1090,
-0.3250

■ 221.5900,
-13.5250, -2.6850

■ 233.2620,
-24.3450, -4.8330

Harmonies

Analogous

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



125.7850, 70.8300, 37.9500



125.7690, 75.7860, 14.2020



124.6200, 64.8790, -13.9130

Triad

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



125.7690, 75.7860, 14.2020



99.1080, -72.3870, -48.2830



120.2210, -68.6850, 16.8110

Complementary

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



125.7690, 75.7860, 14.2020



147.2310, -75.7860, -14.2020

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.



109.2490, -110.5870, -5.7470



125.7690, 75.7860, 14.2020



106.0960, -89.3080, -33.4680

Square

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



125.7690, 75.7860, 14.2020



114.5610, -7.6950, -42.2790



110.0520, -103.2030, -18.4270



133.3670, -0.9700, 39.6220

Rectangle

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



125.7690, 75.7860, 14.2020



121.9950, 49.9810, -30.2670



110.0520, -103.2030, -18.4270



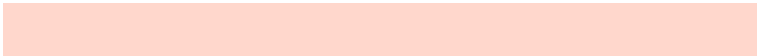
104.5360, -109.7170, 0.5150

Sweetspot

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



125.7690, 75.7860, 14.2020



225.7060, 27.3710, 5.0590



121.0410, 47.7630, 65.0350



109.7910, 16.8260, 3.4340



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.



125.7690, 75.7860, 14.2020



134.3190, 112.4640, 21.2960



166.2720, 56.8110, -21.8850



98.4630, 6.0060, 1.2860



71.3640, 90.2280, 16.7880



17.5420, 21.9610, 3.9850

Inverse Universe

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



147.2310, -75.7860, -14.2020



166.6810, -112.4640, -21.2960



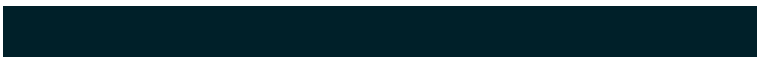
106.7280, -56.8110, 21.8850



99.9500, -5.7310, -0.7630



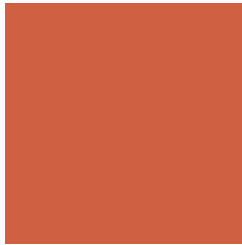
97.2230, -90.5030, -17.3110



23.4580, -21.9610, -3.9850

Previews

White Background



This preview shows how the YIQ color 125.7690, 75.7860, 14.2020 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 125.7690, 75.7860, 14.2020 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 125.7690, 75.7860, 14.2020

Background



This preview shows how black text looks on a background with the YIQ color 125.7690, 75.7860, 14.2020.



This preview shows how white text looks on a background with the YIQ color 125.7690, 75.7860,

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

125.7690, 75.7860, 14.2020

Protanopia

127.6600, 23.8440, -13.6280

Deuteranopia

126.8810, 42.2750, -11.7490



Tritanopia

127.6670, 67.8060, 26.6700

Trichromacy



Original Color

125.7690, 75.7860, 14.2020

Protanomaly

127.3360, 42.7320, -3.5080

Deuteranomaly

126.3220, 54.5150, -2.2930

Tritanomaly

126.5870, 70.7870, 22.2030

Monochromacy



Original Color

125.7690, 75.7860, 14.2020

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

125.7060, 27.3710, 5.0590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 125.7690, 75.7860, 14.2020 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(207, 96, 66)` looks like.

```
.text, #text, p{  
    color:rgb(207, 96, 66)  
}
```

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(207, 96, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 96, 66) }
```

Border

The CSS property to change the border of an element to YIQ 125.7690, 75.7860, 14.2020 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(207, 96, 66) }
```


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

```
.border{ border-color:rgb(207, 96, 66) }
```

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

Here you see how a box with a 4 pixel rgb(207, 96, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 96, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 96, 66);  
box-shadow:4px 4px 4px 4px rgb(207, 96,  
66) }
```

Background

The CSS property to change the background color of an element to YIQ 125.7690, 75.7860, 14.2020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 96, 66) }
```

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

```
.background{ background-color: rgb(207, 96,  
66) }
```

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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