

# Converting Colors

YIQ(124.0630, 91.9730, 1.6770)

Have a look what the booklet for  
YIQ(124.0630, 91.9730, 1.6770)  
contains.

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# Color

**YIQ(124.0630, 91.9730,  
1.6770)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D56219
RGB	213, 98, 25
RGB Percent	84%, 38%, 10%
CMY	0.1645, 0.6158, 0.9015
CMYK	0.00, 0.54, 0.88, 0.16
HSL	23°, 79%, 47%
HSV	23°, 88%, 84%
XYZ	31.9972, 22.9518, 3.6695
YIQ	124.0630, 91.9730, 1.6770

# Conversions

## Conversions Part 2

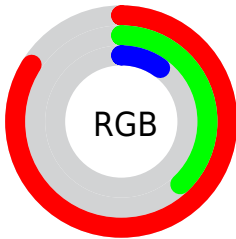
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	213, 144, 25
Decimal	13984281
CIE <sub>Lab</sub>	55.02, 41.69, 57.85
CIE <sub>LCh</sub>	55, 71.310, 54.220
Yxy	22.9518, 0.5459, 0.3915
Android (android.graphics.Color)	4292174361 (0xFFD56219)
YUV	124.0630, -48.8381, 77.9977
Hunter-Lab	47.9080, 35.3792, 28.9943

# Details

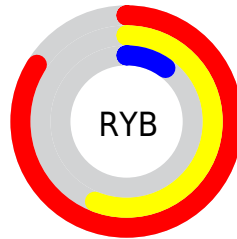
The YIQ color **124.0630, 91.9730, 1.6770** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **113.9370, -91.9730, -1.6770**, and the grayscale version is **124.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **173.7740, 85.4170, -0.6550**, and **72.1510, 77.3460, 7.9540** is the 20% darker color. If you saturate the color by 10%, you get **114.0380, 102.2890, 1.9450**, and if you desaturate by 10%, it is **134.0880, 81.6570, 1.4090**.

# Distribution



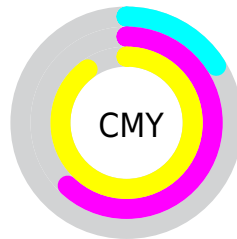
- Red (84%)
- Green (38%)
- Blue (10%)



- Red (84%)
- Yellow (56%)
- Blue (10%)



- Cyan (0%)
- Magenta (54%)
- Yellow (88%)
- Black (16%)



- Cyan (16%)
- Magenta (62%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 124.0630, 91.9730, 1.6770 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 124.0630, 91.9730, 1.6770 by changing the saturation by 10% instead.



124.0630, 91.9730,  
1.6770

124.0630, 91.9730,  
1.6770

255.0000, -0.0000,  
-0.0000

96.6820, 88.6720,  
0.9280

173.7740, 85.4170,  
-0.6550

72.1510, 77.3460,  
7.9540

192.5870, 69.6460,  
-6.6900

46.4460, 66.5700,  
16.0260

212.5740, 53.3250,  
-13.7710

27.2090, 54.2360,  
19.2920

232.0880, 36.9580,  
-20.0180

18.5380, 36.9520,  
13.1440

247.0200, 22.4700,  
-21.7700

10.2800, 19.9430,  
7.5190

250.2120, 13.4820,

0.0000, 0.0000,

-13.0620

0.0000

253.5180, 4.1730,  
-4.0430

124.0630, 91.9730,  
1.6770

124.0630, 91.9730,  
1.6770

114.0380,  
102.2890, 1.9450

134.0880, 81.6570,  
1.4090

112.4080,  
104.1230, 1.7470

144.2270, 71.0200,  
1.4520

154.2520, 60.7040,  
1.1840

164.2770, 50.3880,  
0.9160

174.4160, 39.7510,  
0.9590

■ 184.4410, 29.4350,  
0.6910

■ 194.4660, 19.1190,  
0.4230

■ 204.6050, 8.4820,  
0.4660

■ 214.6300, -1.8340,  
0.1980

# Harmonies

## Analogous

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



120.7680, 95.8630, 41.3270



124.0630, 91.9730, 1.6770



123.9060, 66.3490, -29.5470

# Triad

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



124.0630, 91.9730, 1.6770



106.0840, -81.0070, -46.2470



129.1560, -51.7240, 34.3240

# Complementary

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



124.0630, 91.9730, 1.6770



113.9370, -91.9730, -1.6770

# 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.



113.0110, -121.1800, 4.5160



124.0630, 91.9730, 1.6770



113.9670, -101.8260, -26.8660

# Square

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



124.0630, 91.9730, 1.6770



95.8530, -59.0880, -63.5360



117.4330, -117.0970, -8.9130



133.3200, 24.7480, 58.1240



# Rectangle

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



124.0630, 91.9730, 1.6770



120.4740, 40.7220, -44.1900



117.4330, -117.0970, -8.9130



109.6480, -106.5560, 14.8200

# Sweetspot

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



124.0630, 91.9730, 1.6770



223.4090, 32.4610, 0.9170



94.4360, 74.8120, 75.9320



108.7650, 19.7150, 0.6350



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.



124.0630, 91.9730, 1.6770



134.3580, 124.7550, 2.2830



178.6540, 66.3980, -46.9620



102.2240, 5.1810, -0.2830



89.8710, 83.7660, 1.7340



22.8360, 20.9530, 0.2250

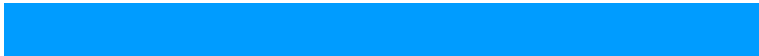


# Inverse Universe

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



113.9370, -91.9730, -1.6770



120.6420, -124.7550, -2.2830



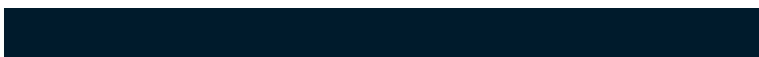
59.3460, -66.3980, 46.9620



101.3630, -5.4560, -0.2400



81.1290, -83.7660, -1.7340



20.7510, -21.2280, -0.7480



# Previews

## White Background



This preview shows how the YIQ color 124.0630, 91.9730, 1.6770 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 124.0630, 91.9730, 1.6770 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 124.0630, 91.9730, 1.6770**

## **Background**



This preview shows how black text looks on a background with the YIQ color 124.0630, 91.9730, 1.6770.



This preview shows how white text looks on a background with the YIQ color 124.0630, 91.9730,



# 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

124.0630, 91.9730, 1.6770

### Protanopia

126.4980, 41.3150, -27.3970

### Deuteranopia

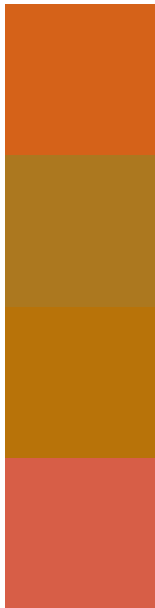
123.3080, 65.1570, -29.9710



## Tritanopia

129.0590, 72.5740, 28.3660

# Trichromacy



## Original Color

124.0630, 91.9730, 1.6770

## Protanomaly

125.4020, 59.5610, -16.6550

## Deuteranomaly

123.5470, 75.1500, -18.3380

## Tritanomaly

127.5570, 79.4990, 18.4990

# Monochromacy



## Original Color

124.0630, 91.9730, 1.6770

## Achromatopsia

124.0000, -0.0000, -0.0000

## Achromatomaly

124.1810, 33.1030, 0.2950

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 124.0630, 91.9730, 1.6770 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(213, 98, 25)` looks like.

```
.text, #text, p{  
    color:rgb(213, 98, 25)  
}
```

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(213, 98, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 98, 25) }
```

## Border

The CSS property to change the border of an element to YIQ 124.0630, 91.9730, 1.6770 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(213, 98, 25) }
```



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

```
.border{ border-color:rgb(213, 98, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 98, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 98, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 98, 25);  
box-shadow:4px 4px 4px 4px rgb(213, 98,  
25) }
```

# Background

The CSS property to change the background color of an element to YIQ 124.0630, 91.9730, 1.6770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 98, 25) }
```

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

```
.background{ background-color: rgb(213, 98,  
25) }
```

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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