

# Converting Colors

YIQ(125.7320, 94.4030, 1.6910)

Have a look what the booklet for  
YIQ(125.7320, 94.4030, 1.6910)  
contains.

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# Color

**YIQ(125.7320, 94.4030,  
1.6910)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D96318
RGB	217, 99, 24
RGB Percent	85%, 39%, 9%
CMY	0.1488, 0.6119, 0.9054
CMYK	0.00, 0.54, 0.89, 0.15
HSL	23°, 80%, 47%
HSV	23°, 89%, 85%
XYZ	33.2562, 23.7415, 3.7000
YIQ	125.7320, 94.4030, 1.6910

# Conversions

## Conversions Part 2

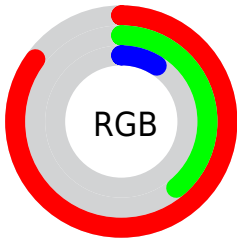
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">217, 147, 24</a>
Decimal	<a href="#">14246680</a>
<a href="#">CIELab</a>	<a href="#">55.83, 42.72, 59.06</a>
<a href="#">CIELCh</a>	<a href="#">56, 72.895, 54.118</a>
<a href="#">Yxy</a>	<a href="#">23.7415, 0.5479, 0.3911</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4292436760 (0xFFD96318)</a>
<a href="#">YUV</a>	<a href="#">125.7320, -50.1539, 80.0420</a>
<a href="#">Hunter-Lab</a>	<a href="#">48.7253, 36.5613, 29.6055</a>

# Details

The YIQ color **125.7320, 94.4030, 1.6910** 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 **115.2680, -94.4030, -1.6910**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.2470, 85.4630, -1.4890**, and **73.9340, 79.4550, 8.2790** is the 20% darker color. If you saturate the color by 10%, you get **115.5930, 105.0400, 1.6480**, and if you desaturate by 10%, it is **135.8710, 83.7660, 1.7340**.

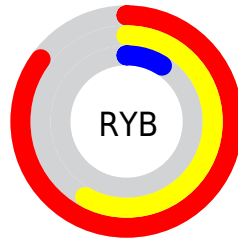
# Distribution



Red (85%)

Green (39%)

Blue (9%)



Red (85%)

Yellow (58%)

Blue (9%)

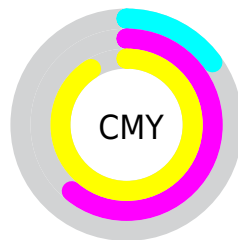


Cyan (0%)

Magenta (54%)

Yellow (89%)

Black (15%)



Cyan (15%)

Magenta (61%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 125.7320, 94.4030, 1.6910 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 125.7320, 94.4030, 1.6910 by changing the saturation by 10% instead.



125.7320, 94.4030,  
1.6910

125.7320, 94.4030,  
1.6910

255.0000, -0.0000,  
-0.0000

98.4650, 90.7810,  
1.2530

174.3610, 85.1420,  
-1.1780

73.9340, 79.4550,  
8.2790

193.6470, 69.4170,  
-8.0470

47.6420, 68.9540,  
16.8740

213.1610, 53.0500,  
-14.2940

28.1060, 56.0240,  
19.9280

233.2620, 36.4080,  
-21.0640

19.4350, 38.7400,  
13.7800

246.9060, 22.7910,  
-22.0810

11.4760, 22.3270,  
8.3670

250.2120, 13.4820,

0.0000, 0.0000,

-13.0620

0.0000

253.5180, 4.1730,  
-4.0430

125.7320, 94.4030,  
1.6910

125.7320, 94.4030,  
1.6910

115.5930,  
105.0400, 1.6480

135.8710, 83.7660,  
1.7340

114.1910,  
106.2320, 2.0720

146.5970, 72.8540,  
1.2540

156.6220, 62.5380,  
0.9860

166.7610, 51.9010,  
1.0290

176.9000, 41.2640,  
1.0720

■ 187.5120, 30.6730,  
0.2810

■ 197.6510, 20.0360,  
0.3240

■ 207.7900, 9.3990,  
0.3670

■ 218.4020, -1.1920,  
-0.4240

# Harmonies

## Analogous

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



122.0780, 97.9260, 42.4860



125.7320, 94.4030, 1.6910



125.9770, 67.5870, -29.9570

# Triad

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



125.7320, 94.4030, 1.6910



108.0730, -82.4740, -47.1940



130.4270, -53.9250, 35.6670

# Complementary

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



125.7320, 94.4030, 1.6910



115.2680, -94.4030, -1.6910

# 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.



114.1850, -121.7300, 3.4700



125.7320, 94.4030, 1.6910



116.0700, -103.6140, -27.5020

# Square

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



125.7320, 94.4030, 1.6910



97.6140, -59.9130, -65.1050



119.6500, -119.2060, -9.2380



135.5590, 25.5730, 59.6930



# Rectangle

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



125.7320, 94.4030, 1.6910



122.2460, 41.3640, -44.8120



119.6500, -119.2060, -9.2380



105.9670, -117.8800, 10.7920

# Sweetspot

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



125.7320, 94.4030, 1.6910



222.4800, 33.6990, 0.5070



95.2730, 76.8290, 77.9250



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.



125.7320, 94.4030, 1.6910



134.3580, 124.7550, 2.2830



182.0840, 68.0030, -48.5170



104.6370, 5.4560, 0.2400



91.0560, 84.6830, 1.6350



24.3200, 22.4660, 0.3380

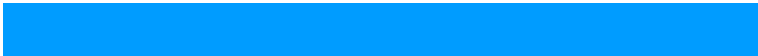


# Inverse Universe

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



115.2680, -94.4030, -1.6910



120.6420, -124.7550, -2.2830



59.5030, -68.2780, 47.9940



103.7760, -5.1810, 0.2830



81.9440, -84.6830, -1.6350



21.6800, -22.4660, -0.3380



# Previews

## White Background



This preview shows how the YIQ color 125.7320, 94.4030, 1.6910 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 125.7320, 94.4030, 1.6910 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 125.7320, 94.4030, 1.6910

## Background



This preview shows how black text looks on a background with the YIQ color 125.7320, 94.4030, 1.6910.



This preview shows how white text looks on a background with the YIQ color 125.7320, 94.4030,



# 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

125.7320, 94.4030, 1.6910

### Protanopia

128.1560, 42.2780, -28.3300

### Deuteranopia

125.3790, 66.3950, -30.3810



## Tritanopia

130.9560, 74.3620, 29.0020

# Trichromacy



## Original Color

125.7320, 94.4030, 1.6910

## Protanomaly

127.3590, 61.1200, -17.3760

## Deuteranomaly

125.6180, 76.3880, -18.7480

## Tritanomaly

129.3400, 81.6080, 18.8240

# Monochromacy



## Original Color

125.7320, 94.4030, 1.6910

## Achromatopsia

126.0000, 0.0000, 0.0000

## Achromatomaly

125.7790, 34.2950, 0.7190

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 125.7320, 94.4030, 1.6910 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(217, 99, 24)` looks like.

```
.text, #text, p{  
    color:rgb(217, 99, 24)  
}
```

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(217, 99, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 99, 24) }
```

## Border

The CSS property to change the border of an element to YIQ 125.7320, 94.4030, 1.6910 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(217, 99, 24) }
```



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

```
.border{ border-color:rgb(217, 99, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 99, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 99, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 99, 24);  
box-shadow:4px 4px 4px 4px rgb(217, 99,  
24) }
```

# Background

The CSS property to change the background color of an element to YIQ 125.7320, 94.4030, 1.6910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 99, 24) }
```

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

```
.background{ background-color: rgb(217, 99,  
24) }
```

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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