

# Converting Colors

YIQ(125.3220, 98.0730, -9.7590)

Have a look what the booklet for  
YIQ(125.3220, 98.0730, -9.7590)  
contains.

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# Color

**YIQ(125.3220, 98.0730,  
-9.7590)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D56900
RGB	213, 105, 0
RGB Percent	84%, 41%, 0%
CMY	0.1645, 0.5884, 0.9995
CMYK	0.00, 0.51, 1.00, 0.16
HSL	30°, 100%, 42%
HSV	30°, 100%, 84%
XYZ	32.5023, 24.2476, 2.9706
YIQ	125.3220, 98.0730, -9.7590

# Conversions

## Conversions Part 2

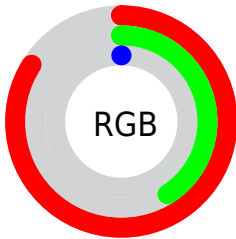
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	213, 207, 0
Decimal	13986048
CIE <sub>Lab</sub>	56.33, 37.86, 64.51
CIE <sub>LCh</sub>	56, 74.795, 59.592
Yxy	24.2476, 0.5442, 0.4060
Android (android.graphics.Color)	4292176128 (0xFFD56900)
YUV	125.3220, -61.7837, 76.8936
Hunter-Lab	49.2418, 31.6468, 30.8925

# Details

The YIQ color **125.3220, 98.0730, -9.7590** 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 **87.6780, -98.0730, 9.7590**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.5150, 87.3440, -8.0480**, and **77.4340, 74.8710, 3.2470** is the 20% darker color. If you saturate the color by 10%, you get **125.3220, 98.0730, -9.7590**, and if you desaturate by 10%, it is **134.1730, 88.3070, -8.9810**.

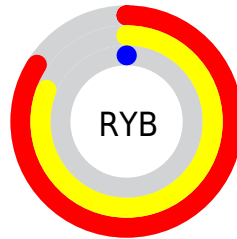
# Distribution



Red (84%)

Green (41%)

Blue (0%)



Red (84%)

Yellow (81%)

Blue (0%)

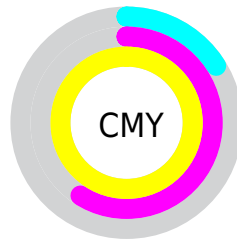


Cyan (0%)

Magenta (51%)

Yellow (100%)

Black (16%)



Cyan (16%)

Magenta (59%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 125.3220, 98.0730, -9.7590 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 125.3220, 98.0730, -9.7590 by changing the saturation by 10% instead.



125.3220, 98.0730,  
-9.7590

125.3220, 98.0730,  
-9.7590

255.0000, -0.0000,  
-0.0000

101.3780, 86.4720,  
-3.2560

176.5150, 87.3440,  
-8.0480

77.4340, 74.8710,  
3.2470

195.3280, 71.5730,  
-14.0830

52.9030, 63.5450,  
10.2730

214.8420, 55.2060,  
-20.3300

27.2090, 54.2360,  
19.2920

234.9430, 38.5640,  
-27.1000

18.5380, 36.9520,  
13.1440

245.7660, 26.0010,  
-25.1910

10.8780, 21.1350,  
7.9430

248.9580, 17.0130,

0.0000, 0.0000,

-16.4830

0.0000

■ 252.2640, 7.7040,  
-7.4640

■ 125.3220, 98.0730,  
-9.7590

■ 134.1730, 88.3070,  
-8.9810

■ 143.1380, 78.2200,  
-7.8920

■ 151.4020, 68.7290,  
-6.5910

■ 160.2530, 58.9630,  
-5.8130

■ 169.2180, 48.8760,  
-4.7240

■ 178.0690, 39.1100,  
-3.9460

■ 186.9200, 29.3440,  
-3.1680

■ 195.2980, 19.5320,  
-1.5560

■ 204.1490, 9.7660,  
-0.7780

# Harmonies

## Analogous

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



123.4710, 100.9530, 37.1850



125.3220, 98.0730, -9.7590



126.5200, 61.4440, -34.2680

# Triad

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



125.3220, 98.0730, -9.7590



110.7290, -87.1970, -44.1970



135.3260, -37.2830, 42.4370

# Complementary

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



125.3220, 98.0730, -9.7590



87.6780, -98.0730, 9.7590

# 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.



113.5980, -121.4550, 3.9930



125.3220, 98.0730, -9.7590



118.2530, -108.3830, -23.6710

# Square

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



125.3220, 98.0730, -9.7590



100.6290, -64.2690, -63.2530



120.9040, -122.7370, -5.8170



134.8380, 38.0890, 64.1450



# Rectangle

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



125.3220, 98.0730, -9.7590



121.8920, 33.4330, -49.7590



120.9040, -122.7370, -5.8170



125.7340, -74.1430, 27.6250

# Sweetspot

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



125.3220, 98.0730, -9.7590



223.4430, 35.1210, -3.2390



76.2270, 91.6380, 79.3660



108.6680, 21.3660, -1.7540



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.



125.3220, 98.0730, -9.7590



150.2070, 117.3300, -11.8380



186.3700, 69.4730, -64.1510



102.8110, 4.9060, -0.8060



100.4370, 78.8160, -7.6800



25.1840, 19.8530, -1.8670



# Inverse Universe

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



87.6780, -98.0730, 9.7590



104.7930, -117.3300, 11.8380



26.6300, -69.4730, 64.1510



100.7760, -5.1810, 0.2830



70.5630, -78.8160, 7.6800



17.8160, -19.8530, 1.8670



# Previews

## White Background



This preview shows how the YIQ color 125.3220, 98.0730, -9.7590 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 125.3220, 98.0730, -9.7590 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 125.3220, 98.0730, -9.7590

## Background



This preview shows how black text looks on a background with the YIQ color 125.3220, 98.0730, -9.7590.



This preview shows how white text looks on a background with the YIQ color 125.3220, 98.0730, -9.7590.

-9.7590.

# 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

125.3220, 98.0730, -9.7590

### Protanopia

127.7450, 47.6890, -32.7830

### Deuteranopia

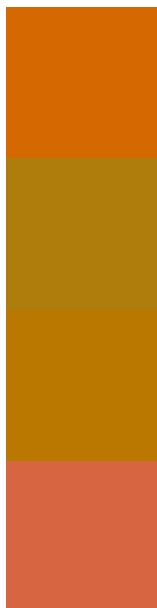
126.8520, 66.4410, -31.2150



## Tritanopia

133.9660, 68.4020, 26.8820

# Trichromacy



## Original Color

125.3220, 98.0730, -9.7590

## Protanomaly

127.0680, 66.0730, -24.5430

## Deuteranomaly

126.0540, 77.8560, -23.3280

## Tritanomaly

131.0960, 79.1790, 13.2830

# Monochromacy



## Original Color

125.3220, 98.0730, -9.7590

## Achromatopsia

125.0000, 0.0000, 0.0000

## Achromatomaly

125.3290, 35.4420, -3.5500

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 125.3220, 98.0730, -9.7590 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, 105, 0)` looks like.

```
.text, #text, p{  
    color:rgb(213, 105, 0)  
}
```

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, 105, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 105, 0) }
```

## Border

The CSS property to change the border of an element to YIQ 125.3220, 98.0730, -9.7590 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, 105, 0) }
```



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

```
.border{ border-color:rgb(213, 105, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 105, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 105, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 105, 0);  
box-shadow:4px 4px 4px 4px rgb(213, 105,  
0) }
```

# Background

The CSS property to change the background color of an element to YIQ 125.3220, 98.0730, -9.7590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 105, 0) }
```

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

```
.background{ background-color: rgb(213,  
105, 0) }
```

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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