

Converting Colors

YIQ(158.2690, 87.2560,
-28.4880)

Have a look what the booklet for
YIQ(158.2690, 87.2560, -28.4880)
contains.

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Color

**YIQ(158.2690, 87.2560,
-28.4880)**

Conversions

Conversions Part 1

Format	Color
Hex	E0990D
RGB	224, 153, 13
RGB Percent	88%, 60%, 5%
CMY	0.1215, 0.4001, 0.9485
CMYK	0.00, 0.32, 0.94, 0.12
HSL	40°, 89%, 46%
HSV	40°, 94%, 88%
XYZ	42.2066, 38.6526, 5.6209
YIQ	158.2690, 87.2560, -28.4880

Conversions

Conversions Part 2

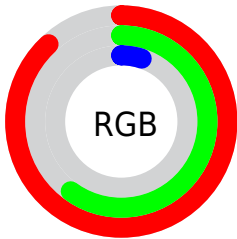
Format	Color
RYB	120, 224, 13
Decimal	14719245
CIELab	68.50, 17.24, 71.22
CIELCh	68, 73.276, 76.390
Yxy	38.6526, 0.4881, 0.4470
Android (android.graphics.Color)	4292909325 (0xFFE0990D)
YUV	158.2690, -71.6176, 57.6461
Hunter-Lab	62.1712, 12.3801, 38.1595

Details

The YIQ color **158.2690, 87.2560, -28.4880** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **78.7310, -87.2560, 28.4880**, and the grayscale version is **159.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **206.8740, 69.3750, -29.3210**, and **108.6110, 69.0980, -18.7900** is the 20% darker color. If you saturate the color by 10%, you get **154.4390, 92.5290, -30.4390**, and if you desaturate by 10%, it is **165.5870, 77.6730, -25.5190**.

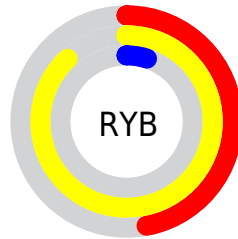
Distribution



Red (88%)

Green (60%)

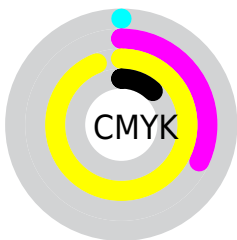
Blue (5%)



Red (47%)

Yellow (88%)

Blue (5%)

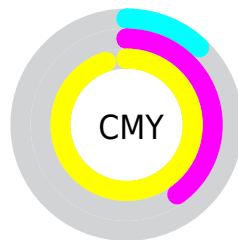


Cyan (0%)

Magenta (32%)

Yellow (94%)

Black (12%)



Cyan (12%)

Magenta (40%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 158.2690, 87.2560, -28.4880 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 158.2690, 87.2560, -28.4880 by changing the saturation by 10% instead.

■ 158.2690, 87.2560,
-28.4880

■ 158.2690, 87.2560,
-28.4880

■ 255.0000, -0.0000,
-0.0000

■ 132.2560, 80.1030,
-25.5050

■ 206.8740, 69.3750,
-29.3210

■ 108.6110, 69.0980,
-18.7900

■ 226.5020, 52.6870,
-35.2570

■ 85.5530, 57.8180,
-12.5980

■ 241.4340, 38.1990,
-37.0090

■ 63.3810, 46.8590,
-6.7170

■ 244.6260, 29.2110,
-28.3010

■ 42.6820, 35.9460,
-1.6700

■ 247.8180, 20.2230,
-19.5930

■ 22.2820, 25.6290,
3.5890

■ 251.1240, 10.9140,

■ 6.8770, 13.7080,

-10.5740

4.8760

254.4300, 1.6050,
-1.5550

0.0000, 0.0000,
0.0000

158.2690, 87.2560,
-28.4880

158.2690, 87.2560,
-28.4880

154.4390, 92.5290,
-30.4390

165.5870, 77.6730,
-25.5190

172.2040, 68.6860,
-22.3380

179.4080, 59.4240,
-19.6800

186.1390, 50.1160,
-16.1880

193.3430, 40.8540,
-13.5300

■ 200.0740, 31.5460,
-10.0380

■ 207.2780, 22.2840,
-7.3800

■ 213.8950, 13.2970,
-4.1990

■ 221.2130, 3.7140,
-1.2300

Harmonies

Analogous

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



157.9420, 94.1720, 11.3880



158.2690, 87.2560, -28.4880



152.0600, 50.2150, -56.5450

Triad

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



158.2690, 87.2560, -28.4880



139.3680, -119.6130, -40.4210



171.1380, 10.5810, 56.0610

Complementary

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



158.2690, 87.2560, -28.4880



78.7310, -87.2560, 28.4880

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.



154.0640, -66.8050, 15.7790



158.2690, 87.2560, -28.4880



142.9480, -135.2050, -22.1570

Square

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



158.2690, 87.2560, -28.4880



130.3280, -96.9140, -60.8340



136.4910, -132.1800, -16.4040



160.6800, 58.9050, 61.3450

Rectangle

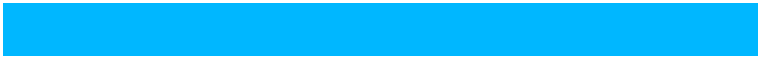
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



158.2690, 87.2560, -28.4880



148.6370, 3.1740, -57.5460



136.4910, -132.1800, -16.4040



168.6250, -10.3240, 43.9480

Sweetspot

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



158.2690, 87.2560, -28.4880



232.8180, 29.3910, -9.5290



84.5250, 102.0020, 67.7460



114.1790, 18.2490, -5.8390



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.



158.2690, 87.2560, -28.4880



175.4480, 105.5050, -34.3270



190.3780, 48.6590, -72.4050



108.3980, 4.6310, -1.3290



121.3030, 72.7210, -23.8790



33.1360, 19.8080, -6.5600

Inverse Universe

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



78.7310, -87.2560, 28.4880



79.5520, -105.5050, 34.3270



46.6220, -48.6590, 72.4050



104.6020, -4.6310, 1.3290



54.6970, -72.7210, 23.8790



14.8640, -19.8080, 6.5600

Previews

White Background



This preview shows how the YIQ color 158.2690, 87.2560, -28.4880 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 158.2690, 87.2560, -28.4880 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 158.2690, 87.2560, -28.4880

Background



This preview shows how black text looks on a background with the YIQ color 158.2690, 87.2560, -28.4880.



This preview shows how white text looks on a background with the YIQ color 158.2690, 87.2560, -28.4880.

-28.4880.

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

158.2690, 87.2560, -28.4880

Protanopia

157.2930, 60.3450, -41.8870

Deuteranopia

156.7210, 82.6270, -38.2130



Tritanopia

169.8650, 49.5130, 22.2890

Trichromacy



Original Color

158.2690, 87.2560, -28.4880

Protanomaly

158.0170, 70.1100, -37.1380

Deuteranomaly

157.3130, 83.9560, -34.7640

Tritanomaly

165.5020, 62.9960, 3.7000

Monochromacy



Original Color

158.2690, 87.2560, -28.4880

Achromatopsia

158.0000, -0.0000, 0.0000

Achromatomaly

157.9600, 31.8670, -10.3490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 158.2690, 87.2560, -28.4880 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(224, 153, 13)` looks like.

```
.text, #text, p{  
    color:rgb(224, 153, 13)  
}
```

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(224, 153, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 153, 13) }
```

Border

The CSS property to change the border of an element to YIQ 158.2690, 87.2560, -28.4880 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(224, 153, 13) }
```


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

```
.border{ border-color:rgb(224, 153, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 153, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 153, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 153, 13);  
box-shadow:4px 4px 4px 4px rgb(224, 153,  
13) }
```

Background

The CSS property to change the background color of an element to YIQ 158.2690, 87.2560, -28.4880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 153, 13) }
```

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

```
.background{ background-color: rgb(224,  
153, 13) }
```

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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