

Converting Colors

YIQ(145.4930, 67.2150, -1.1770)

Have a look what the booklet for
YIQ(145.4930, 67.2150, -1.1770)
contains.

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Color

**YIQ(145.4930, 67.2150,
-1.1770)**

Conversions

Conversions Part 1

Format	Color
Hex	D18045
RGB	209, 128, 69
RGB Percent	82%, 50%, 27%
CMY	0.1802, 0.4981, 0.7291
CMYK	0.00, 0.39, 0.67, 0.18
HSL	25°, 60%, 55%
HSV	25°, 67%, 82%
XYZ	35.0971, 29.4212, 9.4722
YIQ	145.4930, 67.2150, -1.1770

Conversions

Conversions Part 2

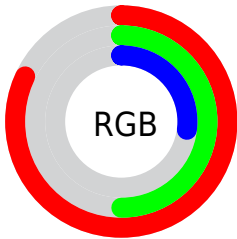
Format	Color
R_{YB}	209, 171, 69
Decimal	13729861
CIE Lab	61.15, 26.16, 44.40
CIE LCh	61, 51.536, 59.491
Yxy	29.4212, 0.4743, 0.3976
Android (android.graphics.Color)	4291919941 (0xFFD18045)
YUV	145.4930, -37.7110, 55.6956
Hunter-Lab	54.2413, 20.5771, 27.6150

Details

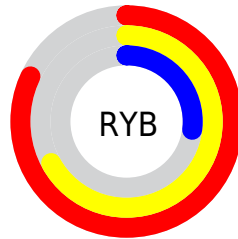
The YIQ color **145.4930, 67.2150, -1.1770** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **132.5070, -67.2150, 1.1770**, and the grayscale version is **146.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **196.0580, 64.0060, -3.5940**, and **92.9160, 61.5300, -2.7740** is the 20% darker color. If you saturate the color by 10%, you get **136.0550, 77.2560, -1.4320**, and if you desaturate by 10%, it is **154.9310, 57.1740, -0.9220**.

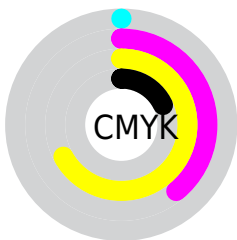
Distribution



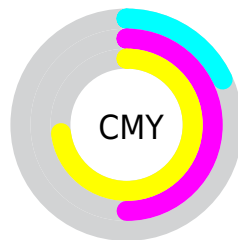
- Red (82%)
- Green (50%)
- Blue (27%)



- Red (82%)
- Yellow (67%)
- Blue (27%)



- Cyan (0%)
- Magenta (39%)
- Yellow (67%)
- Black (18%)





- Cyan (18%)
- Magenta (50%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 145.4930, 67.2150, -1.1770 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 145.4930, 67.2150, -1.1770 by changing the saturation by 10% instead.


 145.4930, 67.2150,
-1.1770


 145.4930, 67.2150,
-1.1770


255.0000, -0.0000,
-0.0000


 119.1120, 63.9140,
-1.9260


 196.0580, 64.0060,
-3.5940

 92.9160, 61.5300,
-2.7740


 215.5720, 47.6390,
-9.8410


 67.8770, 57.2660,
-2.5900


 235.0860, 31.2720,
-16.0880

 46.0040, 46.9030,
3.5030

 248.7300, 17.6550,
-17.1050

 24.1310, 36.5400,
9.5960

 252.0360, 8.3460,
-8.0860

 12.6720, 24.7110,
9.2150

 0.0000, 0.0000,

0.0000

■ 145.4930, 67.2150,
-1.1770

■ 145.4930, 67.2150,
-1.1770

■ 136.0550, 77.2560,
-1.4320

■ 154.9310, 57.1740,
-0.9220

■ 126.6170, 87.2970,
-1.6870

■ 164.3690, 47.1330,
-0.6670

■ 117.1790, 97.3380,
-1.9420

■ 173.8070, 37.0920,
-0.4120

■ 114.1470,
100.3640, -1.7160

■ 183.2450, 27.0510,
-0.1570

■ 193.2700, 16.7350,
-0.4250

■ 202.7080, 6.6940,
-0.1700

■ 212.0320, -3.0260,
-0.2260

■ 221.4700,
-13.0670, 0.0290

■ 230.6800,
-22.4660, -0.3380

Harmonies

Analogous

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



146.4840, 72.5750, 22.8390



145.4930, 67.2150, -1.1770



142.9550, 47.4580, -23.0860

Triad

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



145.4930, 67.2150, -1.1770



116.3200, -93.2950, -43.8150



149.9620, -22.0590, 30.8450

Complementary

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



145.4930, 67.2150, -1.1770



132.5070, -67.2150, 1.1770

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.



129.6150, -93.7620, 3.2140



145.4930, 67.2150, -1.1770



120.9770, -107.7860, -28.9860

Square

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



145.4930, 67.2150, -1.1770



128.4620, -38.0930, -42.0370



121.9180, -117.3250, -15.7970



151.8940, 25.3470, 41.7550

Rectangle

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



145.4930, 67.2150, -1.1770



139.8380, 25.4980, -32.5980



121.9180, -117.3250, -15.7970



146.5080, -41.4520, 24.3720

Sweetspot

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



145.4930, 67.2150, -1.1770



231.5760, 24.6210, -0.1710



120.2080, 57.1180, 55.1820



113.9000, 14.9010, -0.2270



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.



145.4930, 67.2150, -1.1770



162.4780, 97.9340, -1.7300



185.9960, 48.2400, -37.2640



99.6370, 5.4560, 0.2400



91.9090, 80.6030, -1.5170



22.2380, 19.7610, -0.1990

Inverse Universe

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



132.5070, -67.2150, 1.1770



143.5220, -97.9340, 1.7300



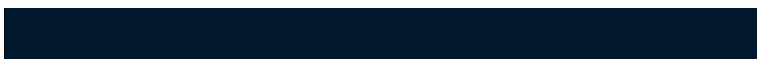
92.0040, -48.2400, 37.2640



98.7760, -5.1810, 0.2830



76.0910, -80.6030, 1.5170



18.7620, -19.7610, 0.1990

Previews

White Background



This preview shows how the YIQ color 145.4930, 67.2150, -1.1770 looks on a white background.

Color Contrast Check

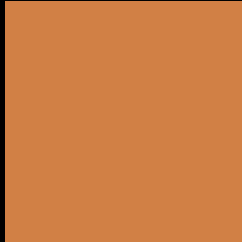
Large Text (above 18pt) WCAG AA ✓ Pass

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 145.4930, 67.2150, -1.1770 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 145.4930, 67.2150, -1.1770

Background



This preview shows how black text looks on a background with the YIQ color 145.4930, 67.2150, -1.1770.



This preview shows how white text looks on a background with the YIQ color 145.4930, 67.2150, -1.1770.

-1.1770.

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

145.4930, 67.2150, -1.1770

Protanopia

144.2770, 32.0520, -19.2120

Deuteranopia

145.0080, 49.1070, -14.4210



Tritanopia

149.5340, 51.9430, 22.3030

Trichromacy



Original Color

145.4930, 67.2150, -1.1770

Protanomaly

144.9090, 45.0720, -12.8800

Deuteranomaly

144.8780, 55.5250, -9.5870

Tritanomaly

148.4880, 57.5840, 13.6800

Monochromacy



Original Color

145.4930, 67.2150, -1.1770

Achromatopsia

145.0000, 0.0000, -0.0000

Achromatomaly

145.1630, 24.3460, -0.6940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 145.4930, 67.2150, -1.1770 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(209, 128, 69)` looks like.

```
.text, #text, p{  
    color:rgb(209, 128, 69)  
}
```

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(209, 128, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 128, 69) }
```

Border

The CSS property to change the border of an element to YIQ 145.4930, 67.2150, -1.1770 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(209, 128, 69) }
```


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

```
.border{ border-color:rgb(209, 128, 69) }
```

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

Here you see how a box with a 4 pixel rgb(209, 128, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 128, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 128, 69);  
box-shadow:4px 4px 4px 4px rgb(209, 128,  
69) }
```

Background

The CSS property to change the background color of an element to YIQ 145.4930, 67.2150, -1.1770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 128, 69) }
```

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

```
.background{ background-color: rgb(209,  
128, 69) }
```

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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