

Converting Colors

YIQ(145.7400, 73.5890, -6.5630)

Have a look what the booklet for
YIQ(145.7400, 73.5890, -6.5630)
contains.

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Color

**YIQ(145.7400, 73.5890,
-6.5630)**

Conversions

Conversions Part 1

Format	Color
Hex	D48235
RGB	212, 130, 53
RGB Percent	83%, 51%, 21%
CMY	0.1685, 0.4903, 0.7918
CMYK	0.00, 0.39, 0.75, 0.17
HSL	29°, 65%, 52%
HSV	29°, 75%, 83%
XYZ	35.7849, 30.2165, 7.3253
YIQ	145.7400, 73.5890, -6.5630

Conversions

Conversions Part 2

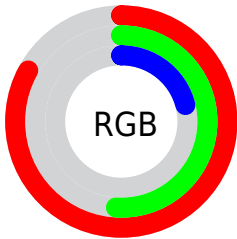
Format	Color
R _Y B	212, 202, 53
Decimal	13926965
CIE Lab	61.84, 25.52, 52.87
CIE LCh	62, 58.703, 64.230
Yxy	30.2165, 0.4880, 0.4121
Android (android.graphics.Color)	4292117045 (0xFFD48235)
YUV	145.7400, -45.7208, 58.1100
Hunter-Lab	54.9696, 20.0058, 30.5777

Details

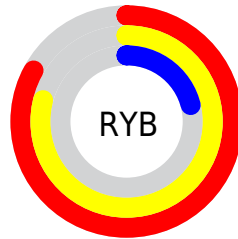
The YIQ color **145.7400, 73.5890, -6.5630** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **119.2600, -73.5890, 6.5630**, and the grayscale version is **146.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **195.5220, 68.2710, -9.3050**, and **92.4080, 68.5920, -9.6160** is the 20% darker color. If you saturate the color by 10%, you get **136.8890, 83.3550, -7.3410**, and if you desaturate by 10%, it is **154.5910, 63.8230, -5.7850**.

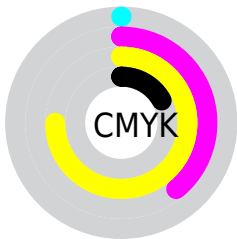
Distribution



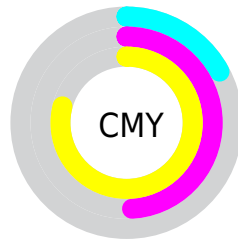
- Red (83%)
- Green (51%)
- Blue (21%)



- Red (83%)
- Yellow (79%)
- Blue (21%)



- Cyan (0%)
- Magenta (39%)
- Yellow (75%)
- Black (17%)



- Cyan (17%)
- Magenta (49%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 145.7400, 73.5890, -6.5630 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 145.7400, 73.5890, -6.5630 by changing the saturation by 10% instead.


 145.7400, 73.5890,
-6.5630


 145.7400, 73.5890,
-6.5630


255.0000, -0.0000,
-0.0000


 119.1310, 70.9300,
-7.9340


 195.5220, 68.2710,
-9.3050


 92.4080, 68.5920,
-9.6160


 214.9220, 52.2250,
-15.8630


 69.6490, 57.9080,
-3.2120


 235.0230, 35.5830,
-22.6330

 48.0640, 46.6740,
2.1460

 247.0200, 22.4700,
-21.7700

 26.1910, 36.3110,
8.2390

 250.2120, 13.4820,
-13.0620

 12.5580, 25.0320,
8.9040

 253.5180, 4.1730,

 0.0000, 0.0000,

-4.0430

0.0000

■ 145.7400, 73.5890,
-6.5630

■ 145.7400, 73.5890,
-6.5630

■ 136.8890, 83.3550,
-7.3410

■ 154.5910, 63.8230,
-5.7850

■ 128.0380, 93.1210,
-8.1190

■ 163.4420, 54.0570,
-5.0070

■ 123.8490, 98.0270,
-8.9250

■ 172.4070, 43.9700,
-3.9180

■ 181.2580, 34.2040,
-3.1400

■ 190.1090, 24.4380,
-2.3620

■ 198.9600, 14.6720,
-1.5840

■ 207.9250, 4.5850,
-0.4950

■ 216.7760, -5.1810,
0.2830

■ 225.6270,
-14.9470, 1.0610

Harmonies

Analogous

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



146.7470, 82.0200, 22.3720



145.7400, 73.5890, -6.5630



142.1690, 49.4310, -31.3130

Triad

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



145.7400, 73.5890, -6.5630



119.8080, -97.6050, -42.7970



152.5270, -16.1000, 38.4920

Complementary

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



145.7400, 73.5890, -6.5630



119.2600, -73.5890, 6.5630

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.



129.1180, -102.4280, 6.0840



145.7400, 73.5890, -6.5630



125.1490, -114.0220, -26.1020

Square

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



145.7400, 73.5890, -6.5630



116.4900, -70.8270, -54.5310



125.7310, -123.9280, -11.7680



152.6830, 36.4870, 49.1190

Rectangle

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



145.7400, 73.5890, -6.5630



138.8280, 22.2900, -40.5420



125.7310, -123.9280, -11.7680



149.5780, -38.4730, 30.9590

Sweetspot

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



145.7400, 73.5890, -6.5630



231.5930, 25.9510, -2.2490



109.8890, 68.4420, 59.2100



113.5580, 15.8640, -1.1600



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.



145.7400, 73.5890, -6.5630



159.5140, 106.2800, -9.8160



192.1130, 51.8640, -47.8800



102.8110, 4.9060, -0.8060



99.8500, 79.0910, -7.1570



25.1840, 19.8530, -1.8670

Inverse Universe

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



119.2600, -73.5890, 6.5630



121.0730, -106.5550, 9.2930



72.8870, -51.8640, 47.8800



100.7760, -5.1810, 0.2830



71.1500, -79.0910, 7.1570



17.8160, -19.8530, 1.8670

Previews

White Background



This preview shows how the YIQ color 145.7400, 73.5890, -6.5630 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 145.7400, 73.5890, -6.5630 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 145.7400, 73.5890, -6.5630

Background



This preview shows how black text looks on a background with the YIQ color 145.7400, 73.5890, -6.5630.



This preview shows how white text looks on a background with the YIQ color 145.7400, 73.5890, -6.5630.

-6.5630.

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

145.7400, 73.5890, -6.5630

Protanopia

144.7090, 39.3430, -24.6970

Deuteranopia

144.8530, 56.6730, -19.3830



Tritanopia

151.1320, 53.1350, 22.7270

Trichromacy



Original Color

145.7400, 73.5890, -6.5630

Protanomaly

145.1560, 51.4460, -18.2660

Deuteranomaly

145.3100, 62.8160, -15.0720

Tritanomaly

149.4020, 60.7020, 12.2380

Monochromacy



Original Color

145.7400, 73.5890, -6.5630

Achromatopsia

146.0000, -0.0000, -0.0000

Achromatomaly

145.7780, 26.8680, -2.3480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 145.7400, 73.5890, -6.5630 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(212, 130, 53)` looks like.

```
.text, #text, p{  
    color:rgb(212, 130, 53)  
}
```

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(212, 130, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 130, 53) }
```

Border

The CSS property to change the border of an element to YIQ 145.7400, 73.5890, -6.5630 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(212, 130, 53) }
```


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

```
.border{ border-color:rgb(212, 130, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 130, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 130, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 130, 53);  
box-shadow:4px 4px 4px 4px rgb(212, 130,  
53) }
```

Background

The CSS property to change the background color of an element to YIQ 145.7400, 73.5890, -6.5630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 130, 53) }
```

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

```
.background{ background-color: rgb(212,  
130, 53) }
```

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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