

Converting Colors

YIQ(130.2420, 93.0270, 4.6030)

Have a look what the booklet for
YIQ(130.2420, 93.0270, 4.6030)
contains.

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Color

**YIQ(130.2420, 93.0270,
4.6030)**

Conversions

Conversions Part 1

Format	Color
Hex	DE6623
RGB	222, 102, 35
RGB Percent	87%, 40%, 14%
CMY	0.1292, 0.6002, 0.8623
CMYK	0.00, 0.54, 0.84, 0.13
HSL	21°, 74%, 50%
HSV	21°, 84%, 87%
XYZ	35.1946, 25.1542, 4.5988
YIQ	130.2420, 93.0270, 4.6030

Conversions

Conversions Part 2

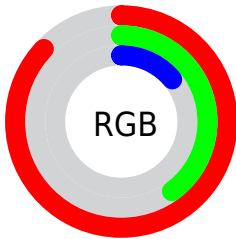
Format	Color
RYB	222, 139, 35
Decimal	14575139
CIELab	57.23, 43.42, 56.60
CIElCh	57, 71.336, 52.508
Yxy	25.1542, 0.5419, 0.3873
Android (android.graphics.Color)	4292765219 (0xFFDE6623)
YUV	130.2420, -46.9543, 80.4718
Hunter-Lab	50.1540, 37.4897, 29.6713

Details

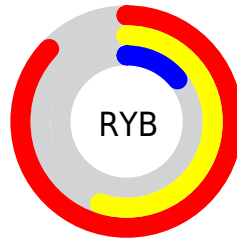
The YIQ color **130.2420, 93.0270, 4.6030** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **126.7580, -93.0270, -4.6030**, and the grayscale version is **131.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **177.0340, 81.7490, -0.2590**, and **76.8910, 81.0140, 7.5580** is the 20% darker color. If you saturate the color by 10%, you get **119.5160, 103.9390, 5.0830**, and if you desaturate by 10%, it is **140.9680, 82.1150, 4.1230**.

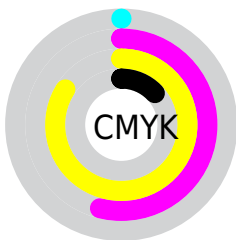
Distribution



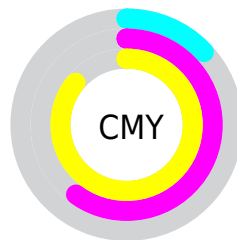
- Red (87%)
- Green (40%)
- Blue (14%)



- Red (87%)
- Yellow (55%)
- Blue (14%)



- Cyan (0%)
- Magenta (54%)
- Yellow (84%)
- Black (13%)





- Cyan (13%)
- Magenta (60%)
- Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 130.2420, 93.0270, 4.6030 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 130.2420, 93.0270, 4.6030 by changing the saturation by 10% instead.


 130.2420, 93.0270,
4.6030


 130.2420, 93.0270,
4.6030


255.0000, -0.0000,
-0.0000


 102.0630, 91.9730,
1.6770


 177.0340, 81.7490,
-0.2590


 77.1900, 81.6100,
7.7700


 196.4340, 65.7030,
-6.8170


 50.8980, 71.1090,
16.3650


 215.9480, 49.3360,
-13.0640

 29.6010, 59.0040,
20.9880

 236.0490, 32.6940,
-19.8340

 20.9300, 41.7200,
14.8400

 248.0460, 19.5810,
-18.9710

 13.2700, 25.9030,
9.6390

 251.2380, 10.5930,

 0.0000, 0.0000,

-10.2630

0.0000

254.5440, 1.2840,
-1.2440

■ 130.2420, 93.0270,
4.6030

■ 130.2420, 93.0270,
4.6030

■ 119.5160,
103.9390, 5.0830

■ 140.9680, 82.1150,
4.1230

■ 112.7510,
110.5870, 5.7470

■ 151.8080, 70.8820,
3.9540

■ 163.1210, 59.6950,
2.9510

■ 173.8470, 48.7830,
2.4710

■ 184.5730, 37.8710,
1.9910

■ 195.8860, 26.6840,
0.9880

■ 206.7260, 15.4510,
0.8190

■ 217.4520, 4.5390,
0.3390

■ 228.1780, -6.3730,
-0.1410

Harmonies

Analogous

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



127.4090, 95.4960, 42.4720



130.2420, 93.0270, 4.6030



128.9450, 70.6130, -29.7310

Triad

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



130.2420, 93.0270, 4.6030



109.8340, -83.2990, -48.7630



133.5790, -57.4090, 32.7270

Complementary

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



130.2420, 93.0270, 4.6030



126.7580, -93.0270, -4.6030

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.



117.1200, -123.1050, 0.8550



130.2420, 93.0270, 4.6030



117.7170, -104.1180, -29.3820

Square

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



130.2420, 93.0270, 4.6030



102.5930, -55.4200, -63.9320



121.4110, -120.0310, -10.8070



139.9390, 21.4470, 57.3750

Rectangle

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



130.2420, 93.0270, 4.6030



126.1000, 44.7110, -44.8970



121.4110, -120.0310, -10.8070



108.9020, -119.2550, 8.1770

Sweetspot

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



130.2420, 93.0270, 4.6030



223.6370, 31.8190, 1.5390



104.8210, 72.2900, 77.5860



108.8790, 19.3940, 0.9460



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.



130.2420, 93.0270, 4.6030



129.6620, 126.9550, 6.4670



184.2460, 67.7270, -43.5130



106.6370, 5.4560, 0.2400



89.6050, 87.5710, 4.3630



24.3310, 23.9330, 1.2850

Inverse Universe

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



126.7580, -93.0270, -4.6030



125.3380, -126.9550, -6.4670



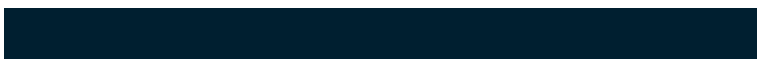
72.7540, -67.7270, 43.5130



106.3630, -5.4560, -0.2400



86.3950, -87.5710, -4.3630



23.6690, -23.9330, -1.2850

Previews

White Background



This preview shows how the YIQ color 130.2420, 93.0270, 4.6030 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 130.2420, 93.0270, 4.6030 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 130.2420, 93.0270, 4.6030

Background



This preview shows how black text looks on a background with the YIQ color 130.2420, 93.0270, 4.6030.



This preview shows how white text looks on a background with the YIQ color 130.2420, 93.0270,

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

130.2420, 93.0270, 4.6030

Protanopia

132.0680, 39.7100, -25.8420

Deuteranopia

131.3170, 60.9380, -25.0940



Tritanopia

134.6680, 75.2330, 29.7370

Trichromacy



Original Color

130.2420, 93.0270, 4.6030

Protanomaly

131.5700, 59.1480, -14.6760

Deuteranomaly

130.5130, 72.4900, -14.1820

Tritanomaly

133.3940, 81.5160, 20.4920

Monochromacy



Original Color

130.2420, 93.0270, 4.6030

Achromatopsia

130.0000, -0.0000, -0.0000

Achromatomaly

130.0070, 33.6530, 1.3410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 130.2420, 93.0270, 4.6030 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(222, 102, 35)` looks like.

```
.text, #text, p{  
    color:rgb(222, 102, 35)  
}
```

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(222, 102, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 102, 35) }
```

Border

The CSS property to change the border of an element to YIQ 130.2420, 93.0270, 4.6030 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(222, 102, 35) }
```


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

```
.border{ border-color:rgb(222, 102, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 102, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 102, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 102, 35);  
box-shadow:4px 4px 4px 4px rgb(222, 102,  
35) }
```

Background

The CSS property to change the background color of an element to YIQ 130.2420, 93.0270, 4.6030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 102, 35) }
```

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

```
.background{ background-color: rgb(222,  
102, 35) }
```

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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