

Converting Colors

YIQ(131.2530, 77.2990, 14.3150)

Have a look what the booklet for
YIQ(131.2530, 77.2990, 14.3150)
contains.

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Color

**YIQ(131.2530, 77.2990,
14.3150)**

Conversions

Conversions Part 1

Format	Color
Hex	D66546
RGB	214, 101, 70
RGB Percent	84%, 40%, 27%
CMY	0.1605, 0.6041, 0.7252
CMYK	0.00, 0.53, 0.67, 0.16
HSL	13°, 64%, 56%
HSV	13°, 67%, 84%
XYZ	33.5074, 24.0471, 8.6838
YIQ	131.2530, 77.2990, 14.3150

Conversions

Conversions Part 2

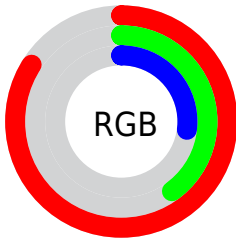
Format	Color
R_{YB}	214, 110, 70
Decimal	14050630
CIE _{Lab}	56.13, 42.29, 38.28
CIE _{LCh}	56, 57.041, 42.154
Yxy	24.0471, 0.5059, 0.3630
Android (android.graphics.Color)	4292240710 (0xFFD66546)
YUV	131.2530, -30.1977, 72.5691
Hunter-Lab	49.0378, 36.1521, 23.8271

Details

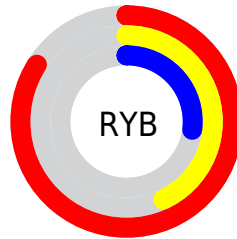
The YIQ color **131.2530, 77.2990, 14.3150** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **152.7470, -77.2990, -14.3150**, and the grayscale version is **131.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **180.2090, 71.4310, 10.5270**, and **77.2460, 70.0090, 14.2730** is the 20% darker color. If you saturate the color by 10%, you get **118.8800, 88.7150, 16.6750**, and if you desaturate by 10%, it is **143.6260, 65.8830, 11.9550**.

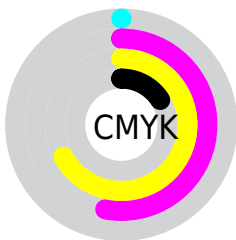
Distribution



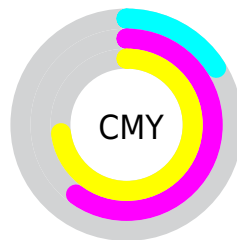
- Red (84%)
- Green (40%)
- Blue (27%)



- Red (84%)
- Yellow (43%)
- Blue (27%)



- Cyan (0%)
- Magenta (53%)
- Yellow (67%)
- Black (16%)





- Cyan (16%)
- Magenta (60%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 131.2530, 77.2990, 14.3150 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 131.2530, 77.2990, 14.3150 by changing the saturation by 10% instead.


 131.2530, 77.2990,
14.3150


 131.2530, 77.2990,
14.3150


255.0000, -0.0000,
-0.0000


 104.3990, 73.9520,
14.4000


 180.2090, 71.4310,
10.5270


 77.2460, 70.0090,
14.2730


 199.6090, 55.3850,
3.9690


 49.4030, 68.1290,
15.3050


 219.1230, 39.0180,
-2.2780

 28.1060, 56.0240,
19.9280

 239.3380, 22.0550,
-8.7370

 19.7340, 39.3360,
13.9920

 251.9220, 8.6670,
-8.3970

 11.7750, 22.9230,
8.5790

 0.0000, 0.0000,

0.0000

■ 131.2530, 77.2990,
14.3150

■ 131.2530, 77.2990,
14.3150

■ 118.8800, 88.7150,
16.6750

■ 143.6260, 65.8830,
11.9550

■ 106.3930,
100.4520, 18.7240

■ 156.1130, 54.1460,
9.9060

■ 94.6070, 111.5930,
20.5610

■ 167.8990, 43.0050,
8.0690

■ 90.9880, 114.8940,
21.3100

■ 180.3860, 31.2680,
6.0200

■ 192.7590, 19.8520,
3.6600

■ 205.2460, 8.1150,
1.6110

■ 217.6190, -3.3010,
-0.7490

■ 229.4050,
-14.4420, -2.5860

■ 240.9800,
-23.6110, -7.1230

Harmonies

Analogous

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



131.2690, 72.3430, 38.0630



131.2530, 77.2990, 14.3150



129.8050, 65.7960, -14.0120

Triad

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



131.2530, 77.2990, 14.3150



103.2000, -75.6420, -49.8660



125.7480, -68.7310, 17.6450

Complementary

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



131.2530, 77.2990, 14.3150



152.7470, -77.2990, -14.3150

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.



112.9820, -114.2090, -6.1850



131.2530, 77.2990, 14.3150



110.3020, -92.8840, -34.7400

Square

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



131.2530, 77.2990, 14.3150



120.1480, -7.9700, -42.8020



114.3720, -107.1000, -19.3880



138.3070, -0.7410, 40.9790

Rectangle

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



131.2530, 77.2990, 14.3150



127.4080, 50.2560, -29.7440



114.3720, -107.1000, -19.3880



108.2690, -113.3390, 0.0770

Sweetspot

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



131.2530, 77.2990, 14.3150



225.7060, 27.3710, 5.0590



126.1660, 48.9090, 66.2930



109.7910, 16.8260, 3.4340



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.



131.2530, 77.2990, 14.3150



136.3080, 110.9970, 20.3490



172.3430, 58.0490, -22.2950



101.0500, 5.7310, 0.7630



72.8480, 91.7410, 16.9010



18.1400, 23.1530, 4.4090

Inverse Universe

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



152.7470, -77.2990, -14.3150



167.2790, -111.2720, -20.8720



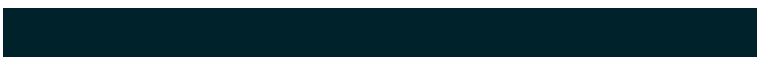
111.6570, -58.0490, 22.2950



102.5370, -6.0060, -1.2860



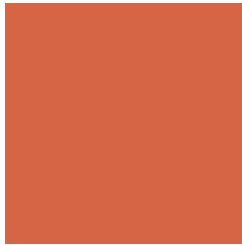
98.1520, -91.7410, -16.9010



24.8600, -23.1530, -4.4090

Previews

White Background



This preview shows how the YIQ color 131.2530, 77.2990, 14.3150 looks on a white background.

Color Contrast Check

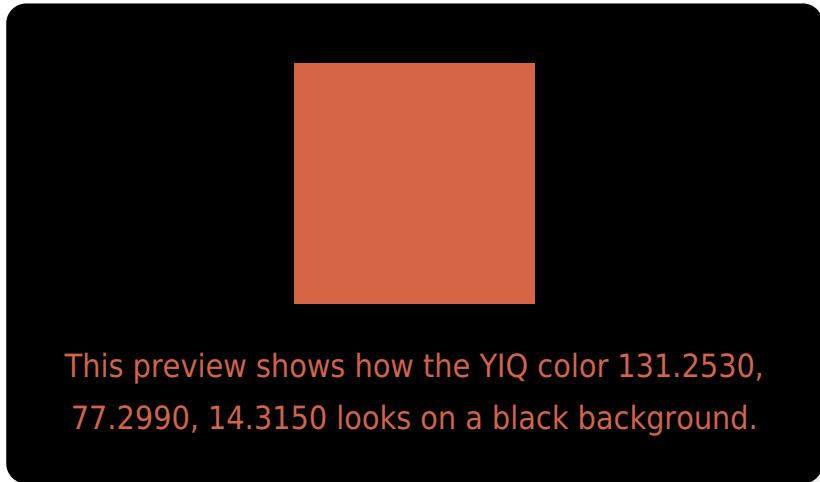
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 131.2530, 77.2990, 14.3150

Background



This preview shows how black text looks on a background with the YIQ color 131.2530, 77.2990, 14.3150.



This preview shows how white text looks on a background with the YIQ color 131.2530, 77.2990,

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

131.2530, 77.2990, 14.3150

Protanopia

132.8450, 24.7610, -13.7270

Deuteranopia

132.9520, 43.5130, -12.1590



Tritanopia

133.2650, 68.9980, 27.0940

Trichromacy



Original Color

131.2530, 77.2990, 14.3150

Protanomaly

132.5210, 43.6490, -3.6070

Deuteranomaly

132.3930, 55.7530, -2.7030

Tritanomaly

132.1850, 71.9790, 22.6270

Monochromacy



Original Color

131.2530, 77.2990, 14.3150

Achromatopsia

131.0000, -0.0000, -0.0000

Achromatomaly

131.0050, 27.9670, 5.2710

CSS Examples

Text

The CSS property to change the color of the text to YIQ 131.2530, 77.2990, 14.3150 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(214, 101, 70)` looks like.

```
.text, #text, p{  
    color:rgb(214, 101, 70)  
}
```

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(214, 101, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 101, 70) }
```

Border

The CSS property to change the border of an element to YIQ 131.2530, 77.2990, 14.3150 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(214, 101, 70) }
```


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

```
.border{ border-color:rgb(214, 101, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 101, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 101, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 101, 70);  
box-shadow:4px 4px 4px 4px rgb(214, 101,  
70) }
```

Background

The CSS property to change the background color of an element to YIQ 131.2530, 77.2990, 14.3150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 101, 70) }
```

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

```
.background{ background-color: rgb(214,  
101, 70) }
```

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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