

Converting Colors

YIQ(145.5230, 75.6980, -6.2380)

Have a look what the booklet for
YIQ(145.5230, 75.6980, -6.2380)
contains.

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Color

**YIQ(145.5230, 75.6980,
-6.2380)**

Conversions

Conversions Part 1

Format	Color
Hex	D68133
RGB	214, 129, 51
RGB Percent	84%, 51%, 20%
CMY	0.1606, 0.4942, 0.7996
CMYK	0.00, 0.40, 0.76, 0.16
HSL	29°, 67%, 52%
HSV	29°, 76%, 84%
XYZ	36.1881, 30.2329, 7.0708
YIQ	145.5230, 75.6980, -6.2380

Conversions

Conversions Part 2

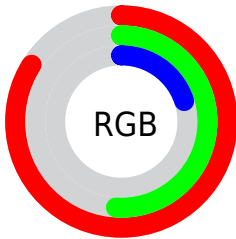
Format	Color
R_{YB}	214, 201, 51
Decimal	14057779
CIE _{Lab}	61.85, 26.81, 53.84
CIE _{LCh}	62, 60.149, 63.528
Yxy	30.2329, 0.4924, 0.4114
Android (android.graphics.Color)	4292247859 (0xFFD68133)
YUV	145.5230, -46.5998, 60.0543
Hunter-Lab	54.9845, 21.2572, 30.8646

Details

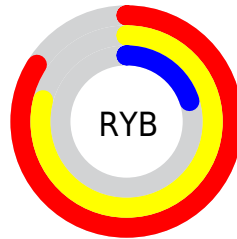
The YIQ color **145.5230, 75.6980, -6.2380** is a dark color, and the websafe version is hex **CC6600**. The color can be described as middle muted orange. A complement of this color would be **119.4770, -75.6980, 6.2380**, and the grayscale version is **146.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **194.7070, 69.1880, -9.4040**, and **92.4190, 70.0590, -8.6690** is the 20% darker color. If you saturate the color by 10%, you get **136.6720, 85.4640, -7.0160**, and if you desaturate by 10%, it is **154.3740, 65.9320, -5.4600**.

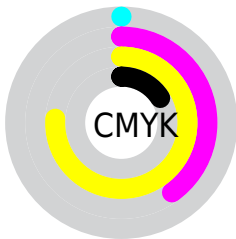
Distribution



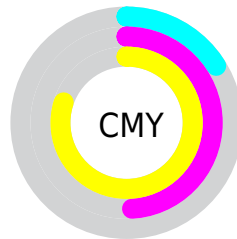
- Red (84%)
- Green (51%)
- Blue (20%)



- Red (84%)
- Yellow (79%)
- Blue (20%)



- Cyan (0%)
- Magenta (40%)
- Yellow (76%)
- Black (16%)





- Cyan (16%)
- Magenta (49%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 145.5230, 75.6980, -6.2380 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 145.5230, 75.6980, -6.2380 by changing the saturation by 10% instead.


 145.5230, 75.6980,
-6.2380


 145.5230, 75.6980,
-6.2380


255.0000, -0.0000,
-0.0000


 118.8000, 73.3600,
-7.9200


 194.7070, 69.1880,
-9.4040


 92.4190, 70.0590,
-8.6690


 214.2210, 52.8210,
-15.6510


 69.6600, 59.3750,
-2.2650


 234.3220, 36.1790,
-22.4210

 47.1890, 47.8200,
3.4040

 246.7920, 23.1120,
-22.3920

 25.3160, 37.4570,
9.4970

 249.9840, 14.1240,
-13.6840

 12.8570, 25.6280,
9.1160

 253.2900, 4.8150,

 0.0000, 0.0000,

-4.6650

0.0000

■ 145.5230, 75.6980,
-6.2380

■ 145.5230, 75.6980,
-6.2380

■ 136.6720, 85.4640,
-7.0160

■ 154.3740, 65.9320,
-5.4600

■ 127.7070, 95.5510,
-8.1050

■ 163.3390, 55.8450,
-4.3710

■ 123.8600, 99.4940,
-7.9780

■ 172.1900, 46.0790,
-3.5930

■ 181.7420, 35.7170,
-3.0270

■ 190.5930, 25.9510,
-2.2490

■ 199.5580, 15.8640,
-1.1600

■ 208.4090, 6.0980,
-0.3820

■ 217.2600, -3.6680,
0.3960

■ 226.8120,
-14.0300, 0.9620

Harmonies

Analogous

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



146.1710, 83.7620, 23.8420



145.5230, 75.6980, -6.2380



141.8980, 51.6320, -32.6560

Triad

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



145.5230, 75.6980, -6.2380



120.2810, -97.5590, -43.6310



152.8580, -18.5300, 38.4780

Complementary

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



145.5230, 75.6980, -6.2380



119.4770, -75.6980, 6.2380

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.



118.8810, -123.9300, -0.7140



145.5230, 75.6980, -6.2380



125.7360, -114.2970, -26.6250

Square

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



145.5230, 75.6980, -6.2380



113.8700, -74.9530, -56.8490



125.8450, -124.2490, -11.4570



152.6230, 36.7160, 50.4760

Rectangle

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



145.5230, 75.6980, -6.2380



138.6710, 24.1700, -41.5740



125.8450, -124.2490, -11.4570



149.0230, -41.2240, 31.2560

Sweetspot

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



145.5230, 75.6980, -6.2380



230.0770, 27.4640, -2.1360



109.6550, 69.2210, 61.6130



112.7430, 16.7810, -1.2590



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.



145.5230, 75.6980, -6.2380



157.5250, 107.7470, -8.8690



192.4830, 53.6980, -48.0780



102.8110, 4.9060, -0.8060



99.2630, 79.3660, -6.6340



25.1840, 19.8530, -1.8670

Inverse Universe

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



119.4770, -75.6980, 6.2380



120.4750, -107.7470, 8.8690



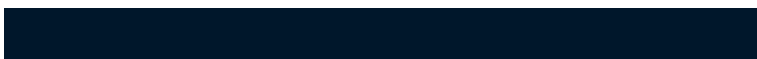
73.1040, -53.9730, 47.5550



100.7760, -5.1810, 0.2830



71.7370, -79.3660, 6.6340



18.4030, -20.1280, 1.3440

Previews

White Background



This preview shows how the YIQ color 145.5230, 75.6980, -6.2380 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 145.5230, 75.6980, -6.2380 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 145.5230, 75.6980, -6.2380

Background



This preview shows how black text looks on a background with the YIQ color 145.5230, 75.6980, -6.2380.



This preview shows how white text looks on a background with the YIQ color 145.5230, 75.6980, -6.2380.

-6.2380.

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

145.5230, 75.6980, -6.2380

Protanopia

144.4810, 39.9850, -25.3190

Deuteranopia

144.9240, 57.9110, -19.7930



Tritanopia

151.0290, 54.9230, 23.3630

Trichromacy



Original Color

145.5230, 75.6980, -6.2380

Protanomaly

144.6400, 52.9590, -18.1530

Deuteranomaly

144.7940, 64.3290, -14.9590

Tritanomaly

149.1850, 62.8110, 12.5630

Monochromacy



Original Color

145.5230, 75.6980, -6.2380

Achromatopsia

146.0000, -0.0000, -0.0000

Achromatomaly

145.9630, 27.7850, -2.4470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 145.5230, 75.6980, -6.2380 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, 129, 51)` looks like.

```
.text, #text, p{  
    color:rgb(214, 129, 51)  
}
```

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, 129, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 129, 51) }
```

Border

The CSS property to change the border of an element to YIQ 145.5230, 75.6980, -6.2380 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, 129, 51) }
```


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

```
.border{ border-color:rgb(214, 129, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 129, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 129, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 129, 51);  
box-shadow:4px 4px 4px 4px rgb(214, 129,  
51) }
```

Background

The CSS property to change the background color of an element to YIQ 145.5230, 75.6980, -6.2380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 129, 51) }
```

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

```
.background{ background-color: rgb(214,  
129, 51) }
```

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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