

Converting Colors

YIQ(142.7250, 77.9450, -8.4150)

Have a look what the booklet for
YIQ(142.7250, 77.9450, -8.4150)
contains.

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Color

**YIQ(142.7250, 77.9450,
-8.4150)**

Conversions

Conversions Part 1

Format	Color
Hex	D47F2A
RGB	212, 127, 42
RGB Percent	83%, 50%, 16%
CMY	0.1685, 0.5021, 0.8349
CMYK	0.00, 0.40, 0.80, 0.17
HSL	30°, 67%, 50%
HSV	30°, 80%, 83%
XYZ	35.1667, 29.3400, 6.0092
YIQ	142.7250, 77.9450, -8.4150

Conversions

Conversions Part 2

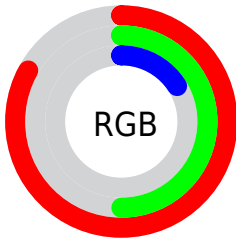
Format	Color
R _Y B	212, 212, 42
Decimal	13926186
CIE Lab	61.08, 26.71, 56.75
CIE LCh	61, 62.721, 64.799
Yxy	29.3400, 0.4987, 0.4161
Android (android.graphics.Color)	4292116266 (0xFFD47F2A)
YUV	142.7250, -49.6574, 60.7542
Hunter-Lab	54.1664, 21.0971, 31.3389

Details

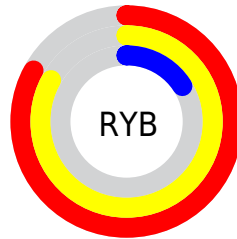
The YIQ color **142.7250, 77.9450, -8.4150** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **111.2750, -77.9450, 8.4150**, and the grayscale version is **143.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **192.6210, 72.3060, -10.8460**, and **90.3480, 68.8210, -8.2590** is the 20% darker color. If you saturate the color by 10%, you get **133.8740, 87.7110, -9.1930**, and if you desaturate by 10%, it is **151.5760, 68.1790, -7.6370**.

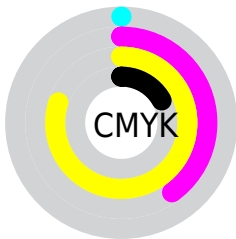
Distribution



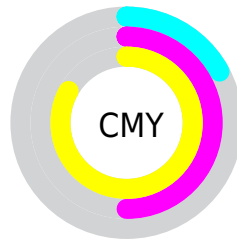
- Red (83%)
- Green (50%)
- Blue (16%)



- Red (83%)
- Yellow (83%)
- Blue (16%)



- Cyan (0%)
- Magenta (40%)
- Yellow (80%)
- Black (17%)



- Cyan (17%)
- Magenta (50%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 142.7250, 77.9450, -8.4150 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 142.7250, 77.9450, -8.4150 by changing the saturation by 10% instead.


 142.7250, 77.9450,
-8.4150


 142.7250, 77.9450,
-8.4150


 255.0000, -0.0000,
-0.0000


 115.5460, 76.8910,
-11.3410


 192.6210, 72.3060,
-10.8460


 90.6470, 69.4170,
-8.0470


 212.1350, 55.9390,
-17.0930


 67.5890, 58.1370,
-1.8550


 231.5350, 39.8930,
-23.6510

 46.0040, 46.9030,
3.5030

 245.8800, 25.6800,
-24.8800

 23.5440, 36.8150,
10.1190

 249.0720, 16.6920,
-16.1720

 12.6720, 24.7110,
9.2150

 252.3780, 7.3830,

 0.0000, 0.0000,

-7.1530

0.0000

■ 142.7250, 77.9450,
-8.4150

■ 142.7250, 77.9450,
-8.4150

■ 133.8740, 87.7110,
-9.1930

■ 151.5760, 68.1790,
-7.6370

■ 125.6100, 97.2020,
-10.4940

■ 159.9540, 58.3670,
-6.0250

■ 168.8050, 48.6010,
-5.2470

■ 177.0690, 39.1100,
-3.9460

■ 185.9200, 29.3440,
-3.1680

■ 194.7710, 19.5780,
-2.3900

■ 203.1490, 9.7660,
-0.7780

■ 212.0000, -0.0000,
-0.0000

■ 220.2640, -9.4910,
1.3010

Harmonies

Analogous

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



143.0250, 87.1090, 23.7570



142.7250, 77.9450, -8.4150



138.6330, 53.6960, -37.0240

Triad

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



142.7250, 77.9450, -8.4150



119.8080, -97.6050, -42.7970



150.8090, -16.8340, 40.7820

Complementary

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



142.7250, 77.9450, -8.4150



111.2750, -77.9450, 8.4150

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.



117.7070, -123.3800, 0.3320



142.7250, 77.9450, -8.4150



124.7900, -114.3890, -24.9570

Square

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



142.7250, 77.9450, -8.4150



110.9620, -78.2080, -58.4320



125.0130, -124.6620, -9.4780



149.4710, 40.2000, 53.4160

Rectangle

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



142.7250, 77.9450, -8.4150



135.3780, 23.4370, -44.8110



125.0130, -124.6620, -9.4780



147.3760, -40.7200, 33.1360

Sweetspot

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



142.7250, 77.9450, -8.4150



229.8490, 28.1060, -2.7580



102.8620, 73.0720, 63.4080



112.6290, 17.1020, -1.5700



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.



142.7250, 77.9450, -8.4150



154.8690, 112.4700, -11.8660



190.8590, 55.3950, -51.3010



102.8110, 4.9060, -0.8060



101.0240, 78.5410, -8.2030



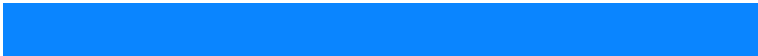
25.7710, 19.5780, -2.3900

Inverse Universe

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



111.2750, -77.9450, 8.4150



110.1310, -112.4700, 11.8660



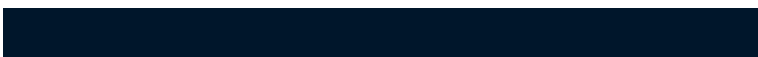
63.1410, -55.3950, 51.3010



100.7760, -5.1810, 0.2830



69.9760, -78.5410, 8.2030



17.8160, -19.8530, 1.8670

Previews

White Background



This preview shows how the YIQ color 142.7250, 77.9450, -8.4150 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 142.7250, 77.9450, -8.4150 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 142.7250, 77.9450, -8.4150

Background



This preview shows how black text looks on a background with the YIQ color 142.7250, 77.9450, -8.4150.



This preview shows how white text looks on a background with the YIQ color 142.7250, 77.9450, -8.4150.

-8.4150.

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

142.7250, 77.9450, -8.4150

Protanopia

141.9820, 42.8280, -27.2840

Deuteranopia

142.0120, 60.4790, -22.2810



Tritanopia

148.9150, 55.2440, 23.0520

Trichromacy



Original Color

142.7250, 77.9450, -8.4150

Protanomaly

142.1410, 55.8020, -20.1180

Deuteranomaly

141.9960, 66.5760, -17.1360

Tritanomaly

146.8430, 63.7740, 11.6300

Monochromacy



Original Color

142.7250, 77.9450, -8.4150

Achromatopsia

143.0000, -0.0000, 0.0000

Achromatomaly

142.7350, 28.4270, -3.0690

CSS Examples

Text

The CSS property to change the color of the text to YIQ 142.7250, 77.9450, -8.4150 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, 127, 42)` looks like.

```
.text, #text, p{  
    color:rgb(212, 127, 42)  
}
```

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, 127, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 127, 42) }
```

Border

The CSS property to change the border of an element to YIQ 142.7250, 77.9450, -8.4150 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, 127, 42) }
```


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

```
.border{ border-color:rgb(212, 127, 42) }
```

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

Here you see how a box with a 4 pixel rgb(212, 127, 42) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 127, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 127, 42);  
box-shadow:4px 4px 4px 4px rgb(212, 127,  
42) }
```

Background

The CSS property to change the background color of an element to YIQ 142.7250, 77.9450, -8.4150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 127, 42) }
```

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

```
.background{ background-color: rgb(212,  
127, 42) }
```

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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