

Converting Colors

YIQ(141.4040, 82.4420,
-29.3500)

Have a look what the booklet for
YIQ(141.4040, 82.4420, -29.3500)
contains.

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Color

**YIQ(141.4040, 82.4420,
-29.3500)**

Conversions

Conversions Part 1

Format	Color
Hex	CA8A00
RGB	202, 138, 0
RGB Percent	79%, 54%, 0%
CMY	0.2078, 0.4589, 0.9995
CMYK	0.00, 0.32, 1.00, 0.21
HSL	41°, 100%, 40%
HSV	41°, 100%, 79%
XYZ	33.4469, 30.7283, 4.1715
YIQ	141.4040, 82.4420, -29.3500

Conversions

Conversions Part 2

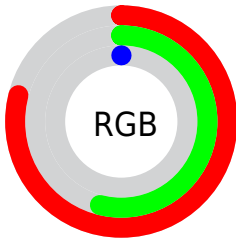
Format	Color
R _Y B	94, 202, 0
Decimal	13273600
CIE Lab	62.28, 15.60, 67.54
CIE LCh	62, 69.316, 76.996
Yxy	30.7283, 0.4894, 0.4496
Android (android.graphics.Color)	4291463680 (0xFFCA8A00)
YUV	141.4040, -69.7122, 53.1427
Hunter-Lab	55.4331, 10.6943, 34.3414

Details

The YIQ color **141.4040, 82.4420, -29.3500** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **60.5960, -82.4420, 29.3500**, and the grayscale version is **142.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **196.5700, 76.3430, -23.4410**, and **94.1140, 60.4320, -15.9200** is the 20% darker color. If you saturate the color by 10%, you get **141.4040, 82.4420, -29.3500**, and if you desaturate by 10%, it is **147.2060, 74.3720, -26.2680**.

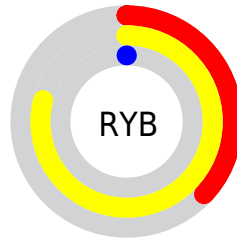
Distribution



Red (79%)

Green (54%)

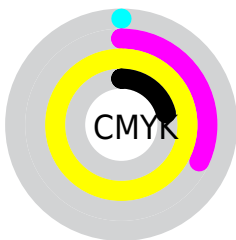
Blue (0%)



Red (37%)

Yellow (79%)

Blue (0%)

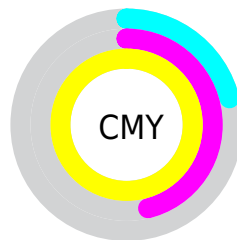


Cyan (0%)

Magenta (32%)

Yellow (100%)

Black (21%)



Cyan (21%)


Magenta (46%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 141.4040, 82.4420, -29.3500 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 141.4040, 82.4420, -29.3500 by changing the saturation by 10% instead.


 141.4040, 82.4420,
-29.3500


 141.4040, 82.4420,
-29.3500


255.0000, -0.0000,
-0.0000


 117.7590, 71.4370,
-22.6350


 196.5700, 76.3430,
-23.4410


 94.1140, 60.4320,
-15.9200


 216.0840, 59.9760,
-29.6880


 71.9420, 49.4730,
-10.0390


 235.5980, 43.6090,
-35.9350

 50.6560, 38.8350,
-4.4690

 243.4860, 32.4210,
-31.4110

 30.2560, 28.5180,
0.7900

 246.6780, 23.4330,
-22.7030

 10.1660, 20.2640,
7.2080

 249.9840, 14.1240,

 0.0000, 0.0000,

-13.6840

0.0000

■ 253.2900, 4.8150,
-4.6650

■ 141.4040, 82.4420,
-29.3500

■ 147.2060, 74.3720,
-26.2680

■ 153.7090, 65.7060,
-23.3980

■ 159.5110, 57.6360,
-20.3160

■ 165.9000, 49.2910,
-17.7570

■ 171.7020, 41.2210,
-14.6750

■ 177.5040, 33.1510,
-11.5930

■ 184.0070, 24.4850,
-8.7230

■ 189.8090, 16.4150,
-5.6410

■ 196.1980, 8.0700,
-3.0820

Harmonies

Analogous

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



144.5830, 93.8050, 12.5330



141.4040, 82.4420, -29.3500



136.6990, 44.1620, -51.4700

Triad

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



141.4040, 82.4420, -29.3500



126.1630, -108.6100, -36.0820



154.9590, 9.5270, 53.1350

Complementary

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



141.4040, 82.4420, -29.3500



60.5960, -82.4420, 29.3500

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.



141.6820, -68.3650, 22.0270



141.4040, 82.4420, -29.3500



130.6720, -125.4400, -17.4080

Square

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



141.4040, 82.4420, -29.3500



117.6930, -87.5160, -54.9400



125.9250, -127.2300, -6.9900



148.3770, 64.1320, 60.2280

Rectangle

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



141.4040, 82.4420, -29.3500



132.7880, 1.4310, -53.4890



125.9250, -127.2300, -6.9900



153.8790, -13.8550, 47.3690

Sweetspot

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



141.4040, 82.4420, -29.3500



232.2480, 30.9960, -11.0840



68.0360, 98.8850, 63.6610



113.9510, 18.8910, -6.4610



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.



141.4040, 82.4420, -29.3500



178.3830, 104.1300, -36.9420



168.8060, 44.5780, -70.0300



99.0990, 4.0350, -1.5410



115.9650, 67.8610, -23.9070



26.6240, 15.4980, -5.5420

Inverse Universe

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



60.5960, -82.4420, 29.3500



76.6170, -104.1300, 36.9420



33.1940, -44.5780, 70.0300



94.9010, -4.0350, 1.5410



50.0350, -67.8610, 23.9070



11.3760, -15.4980, 5.5420

Previews

White Background



This preview shows how the YIQ color 141.4040, 82.4420, -29.3500 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 141.4040, 82.4420, -29.3500 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 141.4040, 82.4420, -29.3500

Background



This preview shows how black text looks on a background with the YIQ color 141.4040, 82.4420, -29.3500.



This preview shows how white text looks on a background with the YIQ color 141.4040, 82.4420, -29.3500.

-29.3500.

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

141.4040, 82.4420, -29.3500

Protanopia

140.9490, 55.6220, -38.8900

Deuteranopia

141.0500, 74.5110, -34.2970



Tritanopia

153.0600, 44.4700, 20.0700

Trichromacy



Original Color

141.4040, 82.4420, -29.3500

Protanomaly

141.0320, 65.7540, -35.2860

Deuteranomaly

141.0720, 77.4450, -32.4030

Tritanomaly

149.1100, 58.2280, 2.0040

Monochromacy



Original Color

141.4040, 82.4420, -29.3500

Achromatopsia

141.0000, -0.0000, -0.0000

Achromatomaly

141.1770, 29.7580, -10.6740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 141.4040, 82.4420, -29.3500 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(202, 138, 0)` looks like.

```
.text, #text, p{  
    color:rgb(202, 138, 0)  
}
```

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(202, 138, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 138, 0) }
```

Border

The CSS property to change the border of an element to YIQ 141.4040, 82.4420, -29.3500 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(202, 138, 0) }
```


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

```
.border{ border-color:rgb(202, 138, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 138, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 138, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 138, 0);  
box-shadow:4px 4px 4px 4px rgb(202, 138,  
0) }
```

Background

The CSS property to change the background color of an element to YIQ 141.4040, 82.4420, -29.3500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 138, 0) }
```

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

```
.background{ background-color: rgb(202,  
138, 0) }
```

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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