

Converting Colors

YIQ(47.4130, -0.8660, -28.3700)

Have a look what the booklet for
YIQ(47.4130, -0.8660, -28.3700)
contains.

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Color

**YIQ(47.4130, -0.8660,
-28.3700)**

Conversions

Conversions Part 1

Format	Color
Hex	1D4200
RGB	29, 66, 0
RGB Percent	11%, 26%, 0%
CMY	0.8864, 0.7411, 0.9999
CMYK	0.56, 0.00, 1.00, 0.74
HSL	94°, 100%, 13%
HSV	94°, 100%, 26%
XYZ	2.4549, 4.1590, 0.6737
YIQ	47.4130, -0.8660, -28.3700

Conversions

Conversions Part 2

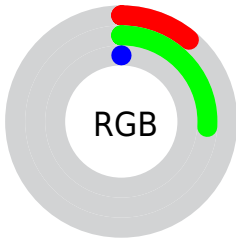
Format	Color
RYB	0, 66, 37
Decimal	1917440
CIELab	24.19, -25.43, 32.07
CIELCh	24, 40.932, 128.417
Yxy	4.1590, 0.3369, 0.5707
Android (android.graphics.Color)	4280107520 (0xFF1D4200)
YUV	47.4130, -23.3746, -16.1482
Hunter-Lab	20.3936, -14.2013, 12.3168

Details

The YIQ color **47.4130, -0.8660, -28.3700** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **18.5870, 0.8660, 28.3700**, and the grayscale version is **48.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **95.7120, -0.2700, -28.1580**, and **13.5010, -6.3250, -12.0290** is the 20% darker color. If you saturate the color by 10%, you get **47.4130, -0.8660, -28.3700**, and if you desaturate by 10%, it is **49.4070, -0.7290, -25.3450**.

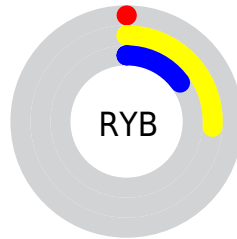
Distribution



Red (11%)

Green (26%)

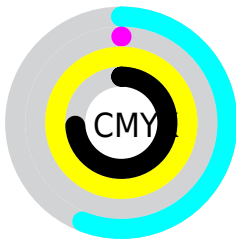
Blue (0%)



Red (0%)

Yellow (26%)

Blue (15%)

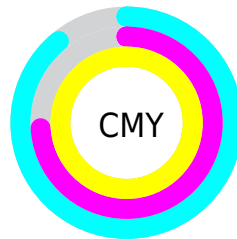


Cyan (56%)

Magenta (0%)

Yellow (100%)

Black (74%)



Cyan (89%)

Magenta (74%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 47.4130, -0.8660, -28.3700 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 47.4130, -0.8660, -28.3700 by changing the saturation by 10% instead.

■ 47.4130, -0.8660,
-28.3700

■ 47.4130, -0.8660,
-28.3700

■ 252.2640, 7.7040,
-7.4640

■ 26.4370, -9.4410,
-21.6410

■ 95.7120, -0.2700,
-28.1580

■ 13.5010, -6.3250,
-12.0290

■ 121.1850, -0.2240,
-28.9920

■ 0.0000, 0.0000,
0.0000

■ 147.6580, -0.1780,
-29.8260

■ 174.4300, 0.4640,
-30.4480

■ 201.9030, 0.5100,
-31.2820

■ 230.3760, 0.5560,

-32.1160

■ 244.5870, 7.7520,
-19.3520

■ 47.4130, -0.8660,
-28.3700

■ 49.4070, -0.7290,
-25.3450

■ 50.9880, -0.8670,
-22.8430

■ 52.9820, -0.7300,
-19.8180

■ 54.8620, -0.2720,
-17.1040

■ 56.5570, -0.7310,
-14.2910

■ 58.5510, -0.5940,
-11.2660

■ 60.4310, -0.1360,
-8.5520

■ 62.4250, 0.0010,
-5.5270

■ 64.0060, -0.1370,
-3.0250

Harmonies

Analogous

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



53.7690, 21.9190, -17.2890



47.4130, -0.8660, -28.3700



44.8520, -29.8430, -26.3470

Triad

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



47.4130, -0.8660, -28.3700



52.4390, -55.3400, 0.7240



51.2160, 44.3310, 28.0990

Complementary

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



47.4130, -0.8660, -28.3700



18.5870, 0.8660, 28.3700

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.



55.5700, 25.8990, 31.7470



47.4130, -0.8660, -28.3700



48.1990, -54.4240, 6.1520

Square

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



47.4130, -0.8660, -28.3700



51.9200, -49.7450, -7.0650



58.8310, -5.8730, 23.8470



52.8720, 47.6350, 12.2670

Rectangle

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



47.4130, -0.8660, -28.3700



47.9470, -37.1800, -20.0280



58.8310, -5.8730, 23.8470



51.7580, 39.9290, 30.7850

Sweetspot

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



47.4130, -0.8660, -28.3700



79.5510, -0.5940, -11.2660



40.8660, 29.4360, -4.8360



38.8980, 0.0470, -6.3610



171.0000, -0.0000, -0.0000



43.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



47.4130, -0.8660, -28.3700



62.4310, -1.2770, -37.4450



39.0840, -19.1130, -33.5850



32.0600, -0.2290, -1.3570



69.7960, -1.0470, -41.6150



160.7900, -3.1920, -96.3760

Inverse Universe

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



18.5870, 0.8660, 28.3700



24.5690, 1.2770, 37.4450



26.9160, 19.1130, 33.5850



30.9400, 0.2290, 1.3570



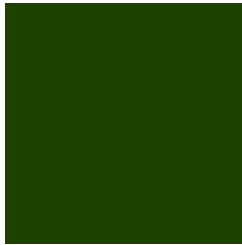
27.2040, 1.0470, 41.6150



63.2100, 3.1920, 96.3760

Previews

White Background



This preview shows how the YIQ color 47.4130, -0.8660, -28.3700 looks on a white background.

Color Contrast Check

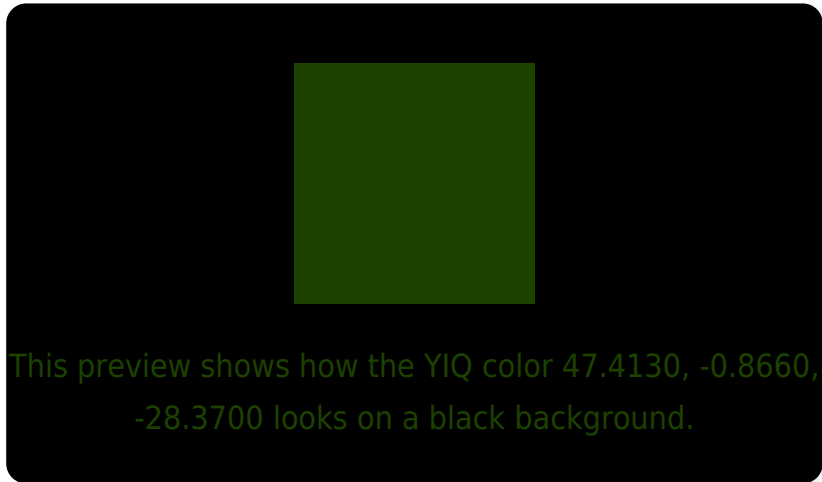
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

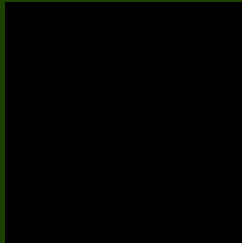
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 47.4130, -0.8660, -28.3700

Background



This preview shows how black text looks on a background with the YIQ color 47.4130, -0.8660, -28.3700.



This preview shows how white text looks on a background with the YIQ color 47.4130, -0.8660, -28.3700.

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

47.4130, -0.8660, -28.3700

Deuteranopia

55.7080, 23.8890, -8.9350

Tritanopia

54.9920, -14.7170, -3.1090

Trichromacy



Original Color

47.4130, -0.8660, -28.3700

Deuteranomaly

52.7020, 14.8580, -15.9740

Tritanomaly

52.2340, -9.9470, -12.4670

Monochromacy



Original Color

47.4130, -0.8660, -28.3700

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

47.0780, -0.6400, -10.4320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 47.4130, -0.8660, -28.3700 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(29, 66, 0)` looks like.

```
.text, #text, p{  
    color:rgb(29, 66, 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(29, 66, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 66, 0) }
```

Border

The CSS property to change the border of an element to YIQ 47.4130, -0.8660, -28.3700 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(29, 66, 0) }
```

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

```
.border{ border-color:rgb(29, 66, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 66, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 66, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(29, 66, 0); box-shadow:4px  
4px 4px 4px rgb(29, 66, 0) }
```


Background

The CSS property to change the background color of an element to YIQ 47.4130, -0.8660, -28.3700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 66, 0) }
```

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

```
.background{ background-color: rgb(29, 66,  
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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