

Converting Colors

YIQ(71.4730, -41.2300, 64.4180)

Have a look what the booklet for
YIQ(71.4730, -41.2300, 64.4180)
contains.

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Color

**YIQ(71.4730, -41.2300,
64.4180)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 4829E3 |
| RGB | 72, 41, 227 |
| RGB Percent | 28%, 16%, 89% |
| CMY | 0.7174, 0.8393, 0.1101 |
| CMYK | 0.68, 0.82, 0.00, 0.11 |
| HSL | 250°, 77%, 53% |
| HSV | 250°, 82%, 89% |
| XYZ | 17.3229, 8.5063, 73.3451 |
| YIQ | 71.4730, -41.2300, 64.4180 |

Conversions

Conversions Part 2

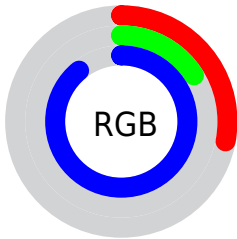
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 72, 41, 227 |
| Decimal | 4729315 |
| CIE _{Lab} | 35.02, 63.59, -87.36 |
| CIE _{LCh} | 35, 108.055, 306.050 |
| Yxy | 8.5063, 0.1747, 0.0858 |
| Android (android.graphics.Color) | 4282919395 (0xFF4829E3) |
| YUV | 71.4730, 76.6748, 0.4622 |
| Hunter-Lab | 29.1656, 54.9804, -128.6857 |

Details

The YIQ color **71.4730, -41.2300, 64.4180** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **196.5270, 41.2300, -64.4180**, and the grayscale version is **71.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **125.8200, -23.3940, 60.5580**, and **19.3800, -54.5700, 52.8700** is the 20% darker color. If you saturate the color by 10%, you get **52.2910, -46.2290, 72.4190**, and if you desaturate by 10%, it is **90.6550, -36.2310, 56.4170**.

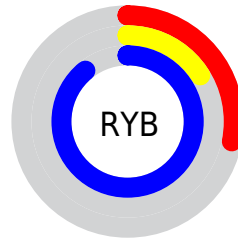
Distribution



Red (28%)

Green (16%)

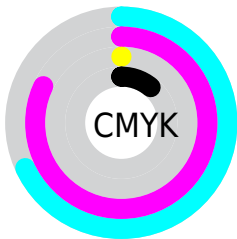
Blue (89%)



Red (28%)

Yellow (16%)

Blue (89%)

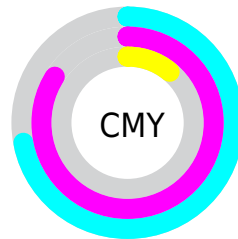


Cyan (68%)

Magenta (82%)

Yellow (0%)

Black (11%)



Cyan (72%)

Magenta (84%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 71.4730, -41.2300, 64.4180 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 71.4730, -41.2300, 64.4180 by changing the saturation by 10% instead.

■ 71.4730, -41.2300,
64.4180

■ 71.4730, -41.2300,
64.4180

■ 255.0000, -0.0000,
-0.0000

■ 33.8240, -55.5800,
60.1640

■ 125.8200,
-23.3940, 60.5580

■ 19.3800, -54.5700,
52.8700

■ 151.2370,
-11.7470, 53.2210

■ 16.1880, -45.5820,
44.1620

■ 176.3550, -0.6960,
45.6720

■ 13.2240, -37.2360,
36.0760

■ 201.4730, 10.3550,
38.1230

■ 17.8910, -32.4650,
21.1910

■ 223.8890, 14.5750,
27.7190

■ 11.5190, -22.7900,
16.5540

■ 240.9120, 6.6000,

■ 6.5490, -14.3070,

12.5520

11.4930

■ 2.9810, -7.0160,
6.0080

■ 0.0000, 0.0000,
0.0000

■ 71.4730, -41.2300,
64.4180

■ 71.4730, -41.2300,
64.4180

■ 52.2910, -46.2290,
72.4190

■ 90.6550, -36.2310,
56.4170

■ 37.2400, -50.2190,
78.6530

■ 109.2500,
-30.9570, 48.9390

■ 128.4320,
-25.9580, 40.9380

■ 147.6140,
-20.9590, 32.9370

■ 166.2090,
-15.6850, 25.4590

■ 185.0920,
-11.2820, 17.2460

■ 204.2740, -6.2830,
9.2450

■ 223.4560, -1.2840,
1.2440

■ 242.0510, 3.9900,
-6.2340

Harmonies

Analogous

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



83.6610, -107.4300, 30.6660



71.4730, -41.2300, 64.4180



74.1810, 62.8890, 88.2730

Triad

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



71.4730, -41.2300, 64.4180



71.2870, 79.9590, 10.1590



75.8560, -62.0290, -26.7410

Complementary

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



71.4730, -41.2300, 64.4180



196.5270, 41.2300, -64.4180

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.



62.8090, -29.4250, -55.9610



71.4730, -41.2300, 64.4180



76.1960, 27.6060, -26.7460

Square

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



71.4730, -41.2300, 64.4180



60.0990, 119.7960, 42.6120



59.2870, -27.7750, -52.8230



86.8340, -90.1850, -1.0410

Rectangle

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



71.4730, -41.2300, 64.4180



75.4570, 96.6820, 76.0580



59.2870, -27.7750, -52.8230



71.7350, -51.8030, -35.8590

Sweetspot

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



71.4730, -41.2300, 64.4180



201.5850, -13.9880, 22.2360



153.1890, -102.3310, -23.2190



95.5390, -8.3470, 13.6130



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.



71.4730, -41.2300, 64.4180



46.0580, -55.2180, 86.6540



99.2800, 14.1980, 84.1340



102.8520, -2.3390, 3.8450



28.7350, -39.2120, 60.8840



7.8640, -10.6400, 16.6240

Inverse Universe

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



114.2840, 61.1010, 87.6370



103.4620, 82.2320, 117.6880



168.7200, -14.1980, -84.1340



105.3150, 3.6670, 5.1310



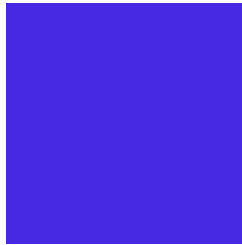
69.3820, 57.7090, 83.0290



18.9120, 15.7680, 22.6160

Previews

White Background



This preview shows how the YIQ color 71.4730, -41.2300, 64.4180 looks on a white background.

Color Contrast Check

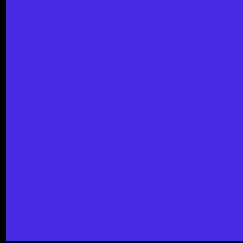
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YIQ color 71.4730, -41.2300, 64.4180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

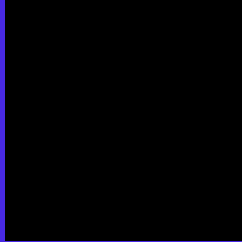
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 71.4730, -41.2300, 64.4180

Background



This preview shows how black text looks on a background with the YIQ color 71.4730, -41.2300, 64.4180.



This preview shows how white text looks on a background with the YIQ color 71.4730, -41.2300,

64.4180.

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

71.4730, -41.2300, 64.4180

Protanopia

65.2970, -75.0110, 10.3090

Deuteranopia

65.3820, -68.3610, -0.0810



Tritanopia

64.4750, -56.1620, -17.4260

Trichromacy



Original Color

71.4730, -41.2300, 64.4180

Protanomaly

67.3610, -62.7270, 29.9850

Deuteranomaly

67.2980, -58.4160, 23.4400

Tritanomaly

67.0410, -50.8030, 12.1170

Monochromacy



Original Color

71.4730, -41.2300, 64.4180

Achromatopsia

71.0000, -0.0000, -0.0000

Achromatomaly

71.0410, -15.2720, 23.4800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 71.4730, -41.2300, 64.4180 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(72, 41, 227)` looks like.

```
.text, #text, p{  
    color:rgb(72, 41, 227)  
}
```

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(72, 41, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 41, 227) }
```

Border

The CSS property to change the border of an element to YIQ 71.4730, -41.2300, 64.4180 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(72, 41, 227) }
```


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

```
.border{ border-color:rgb(72, 41, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 41, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 41, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 41, 227);  
box-shadow:4px 4px 4px 4px rgb(72, 41,  
227) }
```

Background

The CSS property to change the background color of an element to YIQ 71.4730, -41.2300, 64.4180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 41, 227) }
```

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

```
.background{ background-color: rgb(72, 41,  
227) }
```

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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