

Converting Colors

YUV(46.0980, 85.2407,
-40.4279)

Have a look what the booklet for
YUV(46.0980, 85.2407, -40.4279)
contains.

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Color

**YUV(46.0980, 85.2407,
-40.4279)**

Conversions

Conversions Part 1

Format	Color
Hex	0024DB
RGB	0, 36, 219
RGB Percent	0%, 14%, 86%
CMY	1.0000, 0.8588, 0.1412
CMYK	1.00, 0.84, 0.00, 0.14
HSL	230°, 100%, 43%
HSV	230°, 100%, 86%
XYZ	13.4171, 6.3762, 67.5414
YIQ	46.0980, -80.1990, 49.2810

Conversions

Conversions Part 2

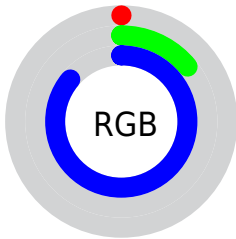
Format	Color
R _Y B	0, 31, 219
Decimal	9435
CIE Lab	30.34, 60.59, -90.67
CIE LCh	30, 109.049, 303.753
Yxy	6.3762, 0.1536, 0.0730
Android (android.graphics.Color)	4278199515 (0xFF0024DB)
YUV	46.0980, 85.2407, -40.4279
Hunter-Lab	25.2512, 50.6553, -140.9120

Details

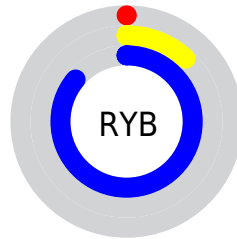
The YUV color **46.0980, 85.2407, -40.4279** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **172.9020, -85.2407, 40.4279**, and the grayscale version is **45.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.1430, 70.4285, -2.7564**, and **18.4680, 70.7613, -16.1964** is the 20% darker color. If you saturate the color by 10%, you get **46.0980, 85.2407, -40.4279**, and if you desaturate by 10%, it is **63.2420, 76.7887, -36.1692**.

Distribution



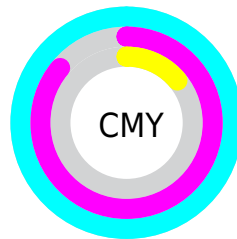
- Red (0%)
- Green (14%)
- Blue (86%)



- Red (0%)
- Yellow (12%)
- Blue (86%)



- Cyan (100%)
- Magenta (84%)
- Yellow (0%)
- Black (14%)



- Cyan (100%)
- Magenta (86%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 46.0980, 85.2407, -40.4279 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 YUV color 46.0980, 85.2407, -40.4279 by changing the saturation by 10% instead.

■ 46.0980, 85.2407,
-40.4279

■ 46.0980, 85.2407,
-40.4279

■ 255.0000, 0.0000,
0.0000

■ 26.3560, 80.6765,
-23.1142

■ 112.1430, 70.4285,
-2.7564

■ 18.4680, 70.7613,
-16.1964

■ 137.5710, 57.8925,
4.7612

■ 15.3900, 58.9677,
-13.4970

■ 162.4010, 45.6513,
11.0493

■ 15.2470, 45.7272,
-13.3716

■ 187.8180, 33.1207,
16.8226

■ 15.9190, 33.0709,
-13.9610

■ 213.8220, 20.3008,
22.0811

■ 10.2480, 24.0347,
-8.9875

■ 235.0420, 9.8393,

■ 5.2780, 15.1459,

17.5032

-4.6288

252.0650, 1.4470,
2.5740

1.3680, 5.2416,
-1.1997

0.0000, 0.0000,
0.0000

46.0980, 85.2407,
-40.4279

63.2420, 76.7887,
-36.1692

80.9730, 68.0473,
-32.4253

98.1170, 59.5953,
-28.1666

115.2610, 51.1433,
-23.9079

■ 132.9920, 42.4019,
-20.1640

■ 149.8370, 34.0974,
-16.5200

■ 166.9810, 25.6454,
-12.2613

■ 184.1250, 17.1934,
-8.0026

■ 201.8560, 8.4520,
-4.2587

Harmonies

Analogous

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



78.9820, 84.3119, -69.2672



46.0980, 85.2407, -40.4279



68.1150, 39.8763, 90.2301

Triad

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



46.0980, 85.2407, -40.4279



55.3830, -27.3038, 77.7171



65.5860, 7.5991, -57.5189

Complementary

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



46.0980, 85.2407, -40.4279



172.9020, -85.2407, 40.4279

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.



55.1780, -27.2028, -48.3911



46.0980, 85.2407, -40.4279



66.4720, -32.7707, 10.9871

Square

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



46.0980, 85.2407, -40.4279



56.2120, -27.7125, 115.5781



52.2430, -25.7558, -45.8171



77.1510, 44.2956, -67.6614

Rectangle

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



46.0980, 85.2407, -40.4279



70.1030, 11.2882, 113.0427



52.2430, -25.7558, -45.8171



62.1660, -5.5048, -54.5196

Sweetspot

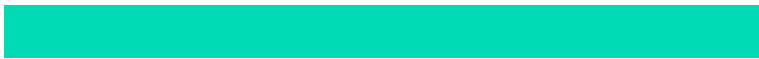
The Sweet Spot groups the original color and five complimentary colors.



46.0980, 85.2407, -40.4279



194.7080, 29.7240, -13.7759



149.3010, 16.1206, -130.9370



91.3530, 18.0670, -8.2026



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.



46.0980, 85.2407, -40.4279



53.7240, 99.2291, -47.1159



46.7930, 84.8981, 22.9835



100.8410, 4.5154, -1.6146



36.7450, 67.1737, -32.2254



9.9400, 17.7776, -8.7174

Inverse Universe

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



69.5850, -16.5574, 131.0370



81.0330, -19.2433, 152.5691



172.2070, -84.8981, -22.9835



102.4030, -1.1847, 6.6626



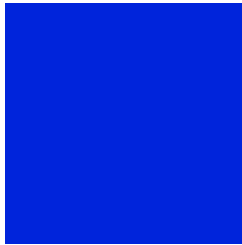
55.0330, -12.8343, 103.4571



14.6660, -3.2863, 27.4799

Previews

White Background



This preview shows how the YUV color 46.0980, 85.2407, -40.4279 looks on a white background.

Color Contrast Check

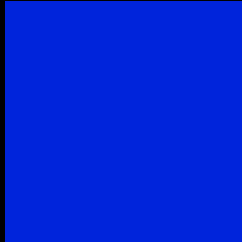
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 46.0980, 85.2407, -40.4279 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](#).

YUV 46.0980, 85.2407, -40.4279

Background



This preview shows how black text looks on a background with the YUV color 46.0980, 85.2407, -40.4279.



This preview shows how white text looks on a background with the YUV color 46.0980, 85.2407, -40.4279.

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

46.0980, 85.2407, -40.4279

Protanopia

57.0330, 43.3677, -50.0179

Deuteranopia

57.4600, 32.3112, -50.3924



Tritanopia

56.4220, 13.1030, -49.4821

Trichromacy



Original Color

46.0980, 85.2407, -40.4279

Protanomaly

53.0670, 58.6340, -46.5398

Deuteranomaly

53.2320, 51.6506, -46.6845

Tritanomaly

52.6160, 39.1363, -46.1442

Monochromacy



Original Color

46.0980, 85.2407, -40.4279

Achromatopsia

46.0000, 0.0000, 0.0000

Achromatomaly

45.7510, 31.1818, -14.6906

CSS Examples

Text

The CSS property to change the color of the text to YUV 46.0980, 85.2407, -40.4279 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(0, 36, 219)` looks like.

```
.text, #text, p{  
    color:rgb(0, 36, 219)  
}
```

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(0, 36, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 36, 219) }
```

Border

The CSS property to change the border of an element to YUV 46.0980, 85.2407, -40.4279 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(0, 36, 219) }
```


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

```
.border{ border-color:rgb(0, 36, 219) }
```

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

Here you see how a box with a 4 pixel rgb(0, 36, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 36, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 36, 219);  
box-shadow:4px 4px 4px 4px rgb(0, 36, 219)  
}
```

Background

The CSS property to change the background color of an element to YUV 46.0980, 85.2407, -40.4279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 36, 219) }
```

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

```
.background{ background-color: rgb(0, 36,  
219) }
```

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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