

Converting Colors

YUV(46.6800, 102.7018,
-40.9384)

Have a look what the booklet for
YUV(46.6800, 102.7018, -40.9384)
contains.

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Color

**YUV(46.6800, 102.7018,
-40.9384)**

Conversions

Conversions Part 1

Format	Color
Hex	001EFF
RGB	0, 30, 255
RGB Percent	0%, 12%, 100%
CMY	1.0000, 0.8824, 0.0000
CMYK	1.00, 0.88, 0.00, 0.00
HSL	233°, 100%, 50%
HSV	233°, 100%, 100%
XYZ	18.5143, 8.1485, 95.2048
YIQ	46.6800, -90.1050, 63.6150

Conversions

Conversions Part 2

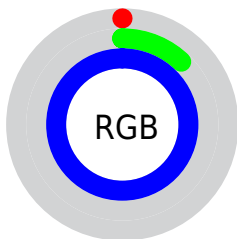
Format	Color
RYB	0, 27, 255
Decimal	7935
CIELab	34.29, 73.07, -104.54
CIELCh	34, 127.547, 304.953
Yxy	8.1485, 0.1519, 0.0669
Android (android.graphics.Color)	4278198015 (0xFF001EFF)
YUV	46.6800, 102.7018, -40.9384
Hunter-Lab	28.5457, 65.8174, -177.7605

Details

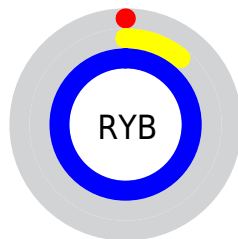
The YUV color **46.6800, 102.7018, -40.9384** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark saturated blue. A complement of this color would be **208.3200, -102.7018, 40.9384**, and the grayscale version is **46.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.8450, 69.0964, 4.5209**, and **22.3440, 85.6124, -19.5957** is the 20% darker color. If you saturate the color by 10%, you get **46.6800, 102.7018, -40.9384**, and if you desaturate by 10%, it is **67.0690, 92.6500, -36.8945**.

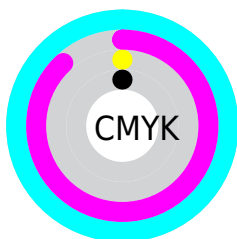
Distribution



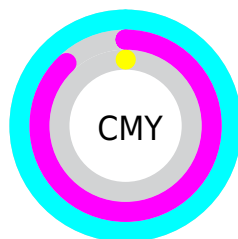
- Red (0%)
- Green (12%)
- Blue (100%)



- Red (0%)
- Yellow (11%)
- Blue (100%)



- Cyan (100%)
- Magenta (88%)
- Yellow (0%)
- Black (0%)



- Cyan (100%)
- Magenta (88%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 46.6800, 102.7018, -40.9384 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 46.6800, 102.7018, -40.9384 by changing the saturation by 10% instead.

■ 46.6800, 102.7018,
-40.9384

■ 46.6800, 102.7018,
-40.9384

■ 255.0000, 0.0000,
0.0000

■ 25.6500, 98.2796,
-22.4951

■ 114.8450, 69.0964,
4.5209

■ 22.3440, 85.6124,
-19.5957

■ 141.4580, 55.9762,
12.7533

■ 19.1520, 73.3821,
-16.7963

■ 167.4730, 43.1508,
19.7562

■ 15.9600, 61.1517,
-13.9969

■ 193.1890, 30.4728,
26.1442

■ 22.3880, 45.1647,
-19.6343

■ 219.1930, 17.6529,
31.4027

■ 17.0760, 34.9655,
-14.9757

■ 236.2160, 9.2605,

■ 11.4050, 25.9293,

16.4736

-10.0022

253.2390, 0.8682,
1.5444

6.4350, 17.0405,
-5.6435

2.6390, 7.5730,
-2.3144

46.6800, 102.7018,
-40.9384

67.0690, 92.6500,
-36.8945

88.3440, 82.1614,
-32.7507

109.0320, 71.9622,
-28.0921

130.0080, 61.6211,
-24.5630

■ 150.6960, 51.4219,
-19.9044

■ 171.6720, 41.0807,
-16.3753

■ 192.3600, 30.8815,
-11.7167

■ 213.3360, 20.5404,
-8.1877

■ 234.6110, 10.0518,
-4.0438

Harmonies

Analogous

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



86.5960, 83.0232, -75.9447



46.6800, 102.7018, -40.9384



79.7780, 44.4794, 107.1887

Triad

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



46.6800, 102.7018, -40.9384



59.8900, -29.5258, 90.4275



74.9270, 10.3890, -65.7110

Complementary

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



46.6800, 102.7018, -40.9384



208.3200, -102.7018, 40.9384

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.



62.2220, -30.6754, -54.5687



46.6800, 102.7018, -40.9384



74.4240, -36.6910, 8.3982

Square

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



46.6800, 102.7018, -40.9384



64.8830, -31.9873, 133.4066



59.2870, -29.2285, -51.9947



89.0170, 54.2216, -78.0679

Rectangle

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



46.6800, 102.7018, -40.9384



81.4090, 10.6444, 132.9453



59.2870, -29.2285, -51.9947



70.2360, -5.0463, -61.5970

Sweetspot

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



46.6800, 102.7018, -40.9384



192.3600, 30.8815, -11.7167



174.8790, 22.7377, -153.3689



90.1790, 18.6458, -7.1730



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.



46.6800, 102.7018, -40.9384



56.8770, 97.6746, 31.6799



117.0690, 5.3890, -1.8145



34.6880, 77.0618, -30.4214



11.4050, 25.9293, -10.0022

Inverse Universe

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



79.6650, -24.4848, 153.7688



198.1230, -97.6746, -31.6799



119.0010, -1.4795, 7.8921



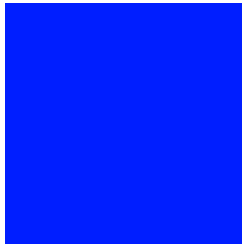
59.7310, -18.1084, 115.1229



20.0480, -5.9397, 38.5459

Previews

White Background



This preview shows how the YUV color 46.6800, 102.7018, -40.9384 looks on a white background.

Color Contrast Check

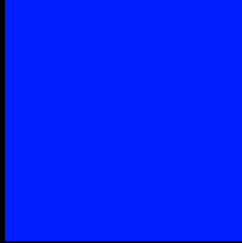
Large Text (above 18pt) WCAG AA ✓ Pass

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 46.6800, 102.7018, -40.9384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

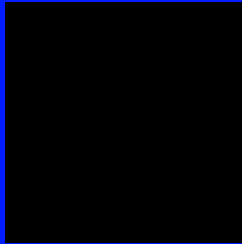
Any Text WCAG AA × Fail

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 46.6800, 102.7018, -40.9384 Background



This preview shows how black text looks on a background with the YUV color 46.6800, 102.7018, -40.9384.



This preview shows how white text looks on a background with the YUV color 46.6800, 102.7018, -40.9384.

-40.9384.

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



Protanopia

63.6670, 48.4782, -55.8360

Deuteranopia

64.4530, 36.2587, -56.5253

Tritanopia

62.8450, 14.8664, -55.1151

Trichromacy



Protanomaly

57.5640, 68.2489, -50.4836

Deuteranomaly

58.2020, 60.5394, -51.0432

Tritanomaly

57.2440, 46.7147, -50.2030

Monochromacy



Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

47.0590, 37.4389, -14.9607

CSS Examples

Text

The CSS property to change the color of the text to YUV 46.6800, 102.7018, -40.9384 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, 30, 255)` looks like.

```
.text, #text, p{  
    color:rgb(0, 30, 255)  
}
```

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, 30, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 30, 255) }
```

Border

The CSS property to change the border of an element to YUV 46.6800, 102.7018, -40.9384 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, 30, 255) }
```

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

```
.border{ border-color:rgb(0, 30, 255) }
```

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

Here you see how a box with a 4 pixel rgb(0, 30, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 30, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 30, 255);  
box-shadow:4px 4px 4px 4px rgb(0, 30, 255)  
}
```

Background

The CSS property to change the background color of an element to YUV 46.6800, 102.7018, -40.9384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 30, 255) }
```

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

```
.background{ background-color: rgb(0, 30,  
255) }
```

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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