

Converting Colors

YUV(41.1900, 89.1393,
-30.8616)

Have a look what the booklet for
YUV(41.1900, 89.1393, -30.8616)
contains.

YUV(41.1900, 89.1393, -30.8616)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(41.1900, 89.1393,
-30.8616)**

Conversions

Conversions Part 1

Format	Color
Hex	0618DE
RGB	6, 24, 222
RGB Percent	2%, 9%, 87%
CMY	0.9765, 0.9059, 0.1294
CMYK	0.97, 0.89, 0.00, 0.13
HSL	235°, 95%, 45%
HSV	235°, 97%, 87%
XYZ	13.5866, 5.9659, 69.5427
YIQ	41.1900, -74.2860, 57.7620

Conversions

Conversions Part 2

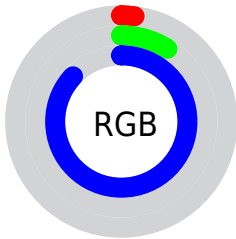
Format	Color
R _Y B	6, 23, 222
Decimal	399582
CIE Lab	29.33, 66.06, -94.09
CIE LCh	29, 114.964, 305.073
Yxy	5.9659, 0.1525, 0.0670
Android (android.graphics.Color)	4278589662 (0xFF0618DE)
YUV	41.1900, 89.1393, -30.8616
Hunter-Lab	24.4252, 56.5467, -151.7109

Details

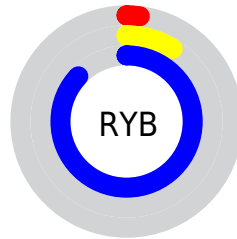
The YUV color **41.1900, 89.1393, -30.8616** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **186.8100, -89.1393, 30.8616**, and the grayscale version is **40.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **108.3440, 72.3014, 3.2063**, and **18.8100, 72.0717, -16.4964** is the 20% darker color. If you saturate the color by 10%, you get **35.8740, 91.7601, -31.4615**, and if you desaturate by 10%, it is **59.5080, 80.1086, -27.6325**.

Distribution



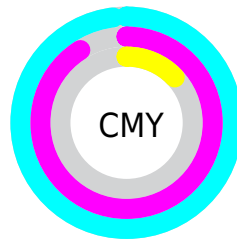
- Red (2%)
- Green (9%)
- Blue (87%)



- Red (2%)
- Yellow (9%)
- Blue (87%)



- Cyan (97%)
- Magenta (89%)
- Yellow (0%)
- Black (13%)



- Cyan (98%)
- Magenta (91%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 41.1900, 89.1393, -30.8616 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 41.1900, 89.1393, -30.8616 by changing the saturation by 10% instead.

■ 41.1900, 89.1393,
-30.8616

■ 41.1900, 89.1393,
-30.8616

■ 255.0000, 0.0000,
0.0000

■ 22.0020, 84.3020,
-19.2958

■ 108.3440, 72.3014,
3.2063

■ 18.8100, 72.0717,
-16.4964

■ 133.7720, 59.7654,
10.7240

■ 15.7320, 60.2781,
-13.7970

■ 158.9010, 47.3768,
17.6268

■ 15.5890, 47.0376,
-13.6716

■ 184.3180, 34.8462,
23.4001

■ 16.7340, 33.6551,
-14.6757

■ 210.3220, 22.0263,
28.6586


■ 10.4760, 24.9083,
-9.1875


■ 230.9330, 11.8650,

■ 6.0930, 15.7302,


21.1068


-5.3436


 247.9560, 3.4727,
6.1776

 2.2970, 6.2626,
-2.0145


 0.0000, 0.0000,
0.0000


 41.1900, 89.1393,
-30.8616


 41.1900, 89.1393,
-30.8616

 35.8740, 91.7601,
-31.4615

 59.5080, 80.1086,
-27.6325

 78.4130, 70.7884,
-24.9182

 97.0300, 61.6102,
-21.0743

 115.3480, 52.5794,
-17.8452

■ 134.2530, 43.2593,
-15.1309

■ 152.5710, 34.2285,
-11.9018

■ 170.8890, 25.1977,
-8.6727

■ 190.0930, 15.7302,
-5.3436

■ 208.4110, 6.6994,
-2.1144

Harmonies

Analogous

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



78.3780, 87.0746, -68.7375



41.1900, 89.1393, -30.8616



69.3820, 38.2657, 93.5040

Triad

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



41.1900, 89.1393, -30.8616



51.5510, -25.4146, 78.4468



64.6400, 9.0515, -56.6893

Complementary

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



41.1900, 89.1393, -30.8616



186.8100, -89.1393, 30.8616

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.



54.0040, -26.6240, -47.3615



41.1900, 89.1393, -30.8616



63.7920, -31.4495, 7.1984

Square

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



41.1900, 89.1393, -30.8616



56.5110, -27.8599, 116.1929



51.0690, -25.1770, -44.7875



77.2480, 47.2057, -67.7465

Rectangle

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



41.1900, 89.1393, -30.8616



70.7290, 8.5146, 116.0017



51.0690, -25.1770, -44.7875



61.1060, -4.4893, -53.5900

Sweetspot

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



41.1900, 89.1393, -30.8616



192.9580, 30.5867, -10.4872



155.3640, 23.9775, -130.9922



90.4780, 18.4983, -6.5582



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.



41.1900, 89.1393, -30.8616



41.3970, 105.3063, -36.3052



57.5340, 81.0817, 33.7347



102.8410, 4.5154, -1.6146



28.8690, 72.5356, -25.3181



7.8200, 19.8087, -6.8581

Inverse Universe

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



72.6360, -23.9775, 130.9922



78.6390, -28.4160, 154.6686



170.4660, -81.0817, -33.7347



104.4030, -1.1847, 6.6626



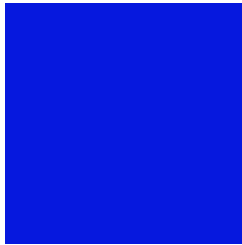
54.3340, -19.3917, 106.7011



14.8080, -5.3283, 29.1094

Previews

White Background



This preview shows how the YUV color 41.1900, 89.1393, -30.8616 looks on a white background.

Color Contrast Check

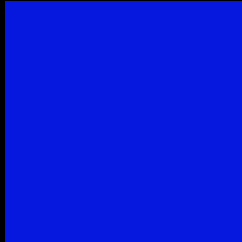
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.1900, 89.1393, -30.8616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

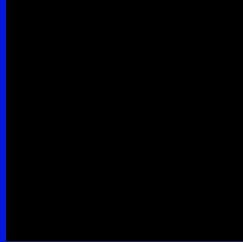
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 41.1900, 89.1393, -30.8616

Background



This preview shows how black text looks on a background with the YUV color 41.1900, 89.1393, -30.8616.



This preview shows how white text looks on a background with the YUV color 41.1900, 89.1393,

-30.8616.

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

41.1900, 89.1393, -30.8616

Protanopia

55.2890, 41.7625, -48.4885

Deuteranopia

55.8300, 31.1428, -48.9629



Tritanopia

54.4330, 13.0975, -47.7377

Trichromacy



Original Color

41.1900, 89.1393, -30.8616

Protanomaly

49.9150, 59.2019, -42.0215

Deuteranomaly

50.6670, 51.9292, -42.6810

Tritanomaly

49.6920, 40.5778, -41.8259

Monochromacy



Original Color

41.1900, 89.1393, -30.8616

Achromatopsia

41.0000, 0.0000, 0.0000

Achromatomaly

41.1150, 32.4813, -11.5019

CSS Examples

Text

The CSS property to change the color of the text to YUV 41.1900, 89.1393, -30.8616 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(6, 24, 222)` looks like.

```
.text, #text, p{  
    color:rgb(6, 24, 222)  
}
```

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(6, 24, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 24, 222) }
```

Border

The CSS property to change the border of an element to YUV 41.1900, 89.1393, -30.8616 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(6, 24, 222) }
```


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

```
.border{ border-color:rgb(6, 24, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 24, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 24, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 24, 222);  
box-shadow:4px 4px 4px 4px rgb(6, 24, 222)  
}
```

Background

The CSS property to change the background color of an element to YUV 41.1900, 89.1393, -30.8616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 24, 222) }
```

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

```
.background{ background-color: rgb(6, 24,  
222) }
```

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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