

Converting Colors

YUV(41.3720, 79.6826,
-31.0212)

Have a look what the booklet for
YUV(41.3720, 79.6826, -31.0212)
contains.

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Color

**YUV(41.3720, 79.6826,
-31.0212)**

Conversions

Conversions Part 1

Format	Color
Hex	061CCB
RGB	6, 28, 203
RGB Percent	2%, 11%, 80%
CMY	0.9765, 0.8902, 0.2039
CMYK	0.97, 0.86, 0.00, 0.20
HSL	233°, 94%, 41%
HSV	233°, 97%, 80%
XYZ	11.2699, 5.1810, 56.9060
YIQ	41.3720, -69.2870, 49.7610

Conversions

Conversions Part 2

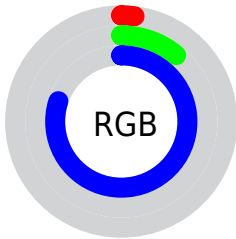
Format	Color
R_{YB}	6, 26, 203
Decimal	400587
CIE _{Lab}	27.24, 59.24, -86.54
CIE _{LCh}	27, 104.875, 304.393
Yxy	5.1810, 0.1536, 0.0706
Android (android.graphics.Color)	4278590667 (0xFF061CCB)
YUV	41.3720, 79.6826, -31.0212
Hunter-Lab	22.7619, 48.5457, -132.2951




Details

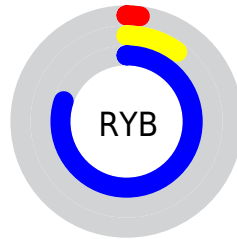
The YUV color **41.3720, 79.6826, -31.0212** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **167.6280, -79.6826, 31.0212**, and the grayscale version is **41.0000, 0.0000, 0.0000**.


A 20% lighter version of the original color is **106.5500, 73.1859, -0.4823**, and **16.7580, 64.2093, -14.6968** is the 20% darker color. If you saturate the color by 10%, you get **36.6430, 82.0140, -32.1359**, and if you desaturate by 10%, it is **57.9180, 71.5254, -27.9921**.

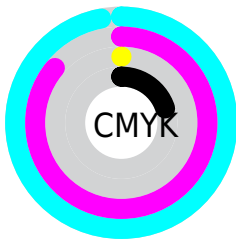
Distribution







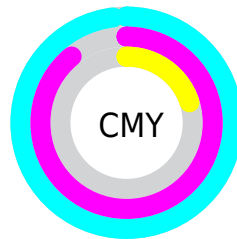
-  Red (2%)
-  Green (11%)
-  Blue (80%)






-  Red (2%)
-  Yellow (10%)
-  Blue (80%)



-  Cyan (97%)
-  Magenta (86%)
-  Yellow (0%)
-  Black (20%)



-  Cyan (98%)
-  Magenta (89%)
-  Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 41.3720, 79.6826, -31.0212 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 41.3720, 79.6826, -31.0212 by changing the saturation by 10% instead.

■ 41.3720, 79.6826,
-31.0212

■ 41.3720, 79.6826,
-31.0212

■ 255.0000, 0.0000,
0.0000

■ 19.9500, 76.4397,
-17.4962

■ 106.5500, 73.1859,
-0.4823

■ 16.7580, 64.2093,
-14.6968

■ 131.6790, 60.7973,
6.4205

■ 13.6800, 52.4158,
-11.9974

■ 156.5090, 48.5561,
12.7086

■ 17.1730, 37.8757,
-15.0607

■ 181.6270, 36.1729,
17.8671

■ 12.6760, 28.2607,
-11.1169

■ 207.6310, 23.3529,
23.1256


■ 7.5920, 18.9351,
-6.6582


■ 230.3460, 12.1544,


■ 3.4370, 10.6306,


21.6216


-3.0142


 247.3690, 3.7621,
6.6924


 0.0000, 0.0000,
0.0000


 41.3720, 79.6826,
-31.0212

 41.3720, 79.6826,
-31.0212


 36.6430, 82.0140,
-32.1359

 57.9180, 71.5254,
-27.9921

 74.7630, 63.2208,
-24.3482

 91.3090, 55.0637,
-21.3190

 107.8550, 46.9065,
-18.2898

 124.7000, 38.6019,
-14.6459

■ 141.2460, 30.4447,
-11.6167

■ 157.7920, 22.2875,
-8.5876

■ 174.3380, 14.1304,
-5.5584

■ 191.1830, 5.8258,
-1.9145

Harmonies

Analogous

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



72.4620, 79.6382, -63.5492



41.3720, 79.6826, -31.0212



63.3440, 35.8194, 84.7673

Triad

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



41.3720, 79.6826, -31.0212



49.1480, -24.2300, 71.7842



60.2060, 7.2934, -52.8007

Complementary

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



41.3720, 79.6826, -31.0212



167.6280, -79.6826, 31.0212

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.



49.8950, -24.5982, -43.7579



41.3720, 79.6826, -31.0212



59.9600, -29.5603, 7.9281

Square

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



41.3720, 79.6826, -31.0212



52.0260, -25.6488, 106.9712



47.5470, -23.4407, -41.6987



70.6140, 42.0953, -61.9285

Rectangle

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



41.3720, 79.6826, -31.0212



64.8910, 9.4207, 105.3356



47.5470, -23.4407, -41.6987



56.4270, -4.6475, -49.4865

Sweetspot

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



41.3720, 79.6826, -31.0212



194.1320, 30.0079, -11.5168



141.4750, 18.9928, -118.8116



91.0650, 18.2090, -7.0730



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.



41.3720, 79.6826, -31.0212



45.5060, 103.2805, -39.9088



51.1820, 74.8463, 27.0274



93.7270, 4.0786, -1.5146



30.0770, 67.0100, -26.3775



6.6800, 15.4408, -5.8584

Inverse Universe

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



67.4110, -19.4296, 118.9116



79.4370, -25.3584, 153.9688



157.8180, -74.8463, -27.0274



95.1040, -1.0373, 6.0478



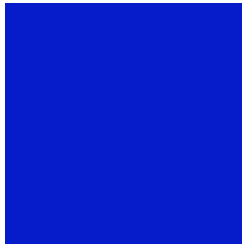
51.8000, -16.1704, 100.1534



11.8180, -3.8543, 22.9616

Previews

White Background



This preview shows how the YUV color 41.3720, 79.6826, -31.0212 looks on a white background.

Color Contrast Check

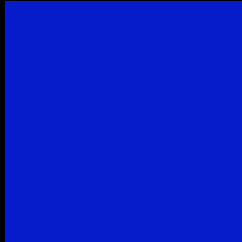
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.3720, 79.6826, -31.0212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

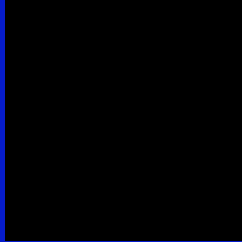
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 41.3720, 79.6826, -31.0212

Background



This preview shows how black text looks on a background with the YUV color 41.3720, 79.6826, -31.0212.



This preview shows how white text looks on a background with the YUV color 41.3720, 79.6826, -31.0212.

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

41.3720, 79.6826, -31.0212

Protanopia

51.9150, 38.9889, -45.5295

Deuteranopia

51.9830, 29.0954, -45.5891



Tritanopia

50.8140, 11.9237, -44.5639

Trichromacy



Original Color

41.3720, 79.6826, -31.0212

Protanomaly

47.8460, 53.8129, -40.2069

Deuteranomaly

48.1250, 47.2664, -40.4516

Tritanomaly

47.3780, 36.7886, -39.7965

Monochromacy



Original Color

41.3720, 79.6826, -31.0212

Achromatopsia

41.0000, 0.0000, 0.0000

Achromatomaly

40.9040, 29.1343, -11.3168

CSS Examples

Text

The CSS property to change the color of the text to YUV 41.3720, 79.6826, -31.0212 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, 28, 203)` looks like.

```
.text, #text, p{  
    color:rgb(6, 28, 203)  
}
```

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, 28, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 28, 203) }
```

Border

The CSS property to change the border of an element to YUV 41.3720, 79.6826, -31.0212 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, 28, 203) }
```


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

```
.border{ border-color:rgb(6, 28, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 28, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 28, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 28, 203);  
box-shadow:4px 4px 4px 4px rgb(6, 28, 203)  
}
```

Background

The CSS property to change the background color of an element to YUV 41.3720, 79.6826, -31.0212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 28, 203) }
```

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

```
.background{ background-color: rgb(6, 28,  
203) }
```

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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