

Converting Colors

YUV(80.5730, -39.7225,
-46.1065)

Have a look what the booklet for
YUV(80.5730, -39.7225, -46.1065)
contains.

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Color

**YUV(80.5730, -39.7225,
-46.1065)**

Conversions

Conversions Part 1

Format	Color
Hex	1C7B00
RGB	28, 123, 0
RGB Percent	11%, 48%, 0%
CMY	0.8902, 0.5176, 1.0000
CMYK	0.77, 0.00, 1.00, 0.52
HSL	106°, 100%, 24%
HSV	106°, 100%, 48%
XYZ	7.5618, 14.4128, 2.3834
YIQ	80.5730, -17.1370, -58.3930

Conversions

Conversions Part 2

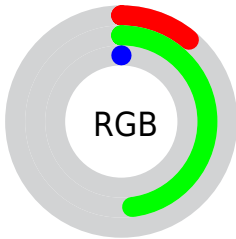
Format	Color
RYB	0, 123, 95
Decimal	1866496
CIELab	44.82, -47.10, 48.91
CIElCh	45, 67.908, 133.921
Yxy	14.4128, 0.3104, 0.5917
Android (android.graphics.Color)	4280056576 (0xFF1C7B00)
YUV	80.5730, -39.7225, -46.1065
Hunter-Lab	37.9642, -30.8830, 22.8527

Details

The YUV color **80.5730, -39.7225, -46.1065** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **42.4270, 39.7225, 46.1065**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.2900, -37.1180, -41.4733**, and **42.8510, -21.1255, -37.5803** is the 20% darker color. If you saturate the color by 10%, you get **80.5730, -39.7225, -46.1065**, and if you desaturate by 10%, it is **84.6320, -35.8076, -41.7733**.

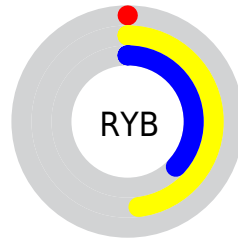
Distribution



Red (11%)

Green (48%)

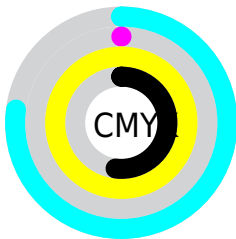
Blue (0%)



Red (0%)

Yellow (48%)

Blue (37%)

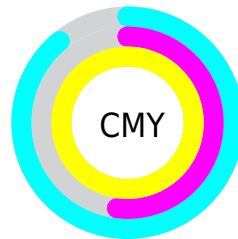


Cyan (77%)

Magenta (0%)

Yellow (100%)

Black (52%)



Cyan (89%)

Magenta (52%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.5730, -39.7225, -46.1065 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 80.5730, -39.7225, -46.1065 by changing the saturation by 10% instead.

■ 80.5730, -39.7225,
-46.1065

■ 80.5730, -39.7225,
-46.1065

255.0000, 0.0000,
0.0000

■ 56.9390, -28.0709,
-49.9355

■ 138.2900,
-37.1180, -41.4733

■ 42.8510, -21.1255,
-37.5803

■ 165.4750,
-37.7022, -40.7586

■ 28.7630, -14.1802,
-25.2252

■ 193.8340,
-38.8652, -41.0734

■ 14.6750, -7.2348,
-12.8700


■ 218.4970,
-37.7130, -37.2699


■ 0.0000, 0.0000,
0.0000


■ 229.9470,
-30.0469, -22.7555


■ 242.1090,


-22.2387, -7.1116


 251.6940,
-12.6671, 2.8994


 80.5730, -39.7225,
-46.1065

 84.6320, -35.8076,
-41.7733

 89.1040, -31.6033,
-36.9252

 93.4620, -27.8358,
-31.9772

 97.5210, -23.9209,
-27.6439

 101.9930,
-19.7165, -22.7959

■ 106.0520,
-15.8016, -18.4626

■ 110.4100,
-12.0341, -13.5146

■ 114.4690, -8.1192,
-9.1813

■ 118.9410, -3.9149,
-4.3333

Harmonies

Analogous

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



97.1390, -47.8895, 6.8941



80.5730, -39.7225, -46.1065



83.9310, -5.8820, -73.6075

Triad

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



80.5730, -39.7225, -46.1065



95.6510, 59.3321, -83.8859



89.1280, -3.5141, 100.7427

Complementary

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



80.5730, -39.7225, -46.1065



42.4270, 39.7225, 46.1065

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.



96.7230, 20.8426, 81.8039



80.5730, -39.7225, -46.1065



85.7860, 64.6885, -75.2343

Square

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



80.5730, -39.7225, -46.1065



96.6990, 43.0394, -84.8050



108.0180, 39.9241, 28.0482



96.5700, -34.2980, 81.0611

Rectangle

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



80.5730, -39.7225, -46.1065



89.0780, 11.3005, -78.1214



108.0180, 39.9241, 28.0482



88.6470, 6.0900, 100.2876

Sweetspot

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



80.5730, -39.7225, -46.1065



144.0520, -15.8016, -18.4626



91.9550, -45.3338, 27.2265



71.7030, -9.7136, -11.1405



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.5730, -39.7225, -46.1065



105.5700, -52.0460, -60.1359



75.9630, -21.1808, -66.6196



58.8210, -1.8838, -2.4740



81.7470, -40.3013, -47.1361



164.9670, -81.3287, -94.6871

Inverse Universe

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



42.4270, 39.7225, 46.1065



55.4300, 52.0460, 60.1359



47.0370, 21.1808, 66.6196



57.1790, 1.8838, 2.4740



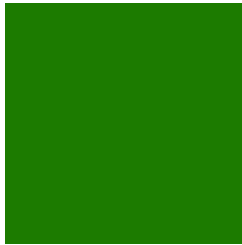
43.2530, 40.3013, 47.1361



87.0330, 81.3287, 94.6871

Previews

White Background



This preview shows how the YUV color 80.5730, -39.7225, -46.1065 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 × Fail

Black Background



This preview shows how the YUV color 80.5730, -39.7225, -46.1065 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 80.5730, -39.7225, -46.1065

Background



This preview shows how black text looks on a background with the YUV color 80.5730, -39.7225, -46.1065.



This preview shows how white text looks on a background with the YUV color 80.5730, -39.7225,

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

97.8030, -48.2169, 18.5898

Deuteranopia

101.4310, -37.1875, 27.6860

Tritanopia

98.0970, 12.7702, -36.0421

Trichromacy



Protanomaly

91.4580, -45.0888, -4.7867

Deuteranomaly

93.7390, -37.8323, 1.1059

Tritanomaly

91.4390, -6.1324, -39.8500

Monochromacy



Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

80.8180, -14.2073, -16.5034

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.5730, -39.7225, -46.1065 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(28, 123, 0)` looks like.

```
.text, #text, p{  
    color:rgb(28, 123, 0)  
}
```

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(28, 123, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 123, 0) }
```

Border

The CSS property to change the border of an element to YUV 80.5730, -39.7225, -46.1065 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(28, 123, 0) }
```

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

```
.border{ border-color:rgb(28, 123, 0) }
```

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

Here you see how a box with a 4 pixel rgb(28, 123, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 123, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 123, 0);  
box-shadow:4px 4px 4px 4px rgb(28, 123, 0)  
}
```


Background

The CSS property to change the background color of an element to YUV 80.5730, -39.7225, -46.1065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 123, 0) }
```

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

```
.background{ background-color: rgb(28, 123,  
0) }
```

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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