

Converting Colors

YUV(80.7160, 61.2720, -5.8899)

Have a look what the booklet for
YUV(80.7160, 61.2720, -5.8899)
contains.

YUV(80.7160, 61.2720, -5.8899)	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>	30

Color

**YUV(80.7160, 61.2720,
-5.8899)**

Conversions

Conversions Part 1

Format	Color
Hex	4A3CCD
RGB	74, 60, 205
RGB Percent	29%, 24%, 80%
CMY	0.7098, 0.7647, 0.1961
CMYK	0.64, 0.71, 0.00, 0.20
HSL	246°, 59%, 52%
HSV	246°, 71%, 80%
XYZ	15.4593, 9.0953, 58.6984
YIQ	80.7160, -38.2010, 48.0630

Conversions

Conversions Part 2

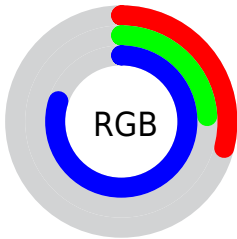
Format	Color
R _Y B	74, 60, 205
Decimal	4865229
CIE Lab	36.17, 48.07, -72.83
CIE LCh	36, 87.266, 303.428
Yxy	9.0953, 0.1857, 0.1092
Android (android.graphics.Color)	4283055309 (0xFF4A3CCD)
YUV	80.7160, 61.2720, -5.8899
Hunter-Lab	30.1585, 38.7224, -94.2870

Details

The YUV color **80.7160, 61.2720, -5.8899** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **184.2840, -61.2720, 5.8899**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.0160, 59.6451, 2.6170**, and **24.6170, 61.3208, -21.5891** is the 20% darker color. If you saturate the color by 10%, you get **62.7080, 70.1500, -6.7599**, and if you desaturate by 10%, it is **98.7240, 52.3941, -5.0199**.

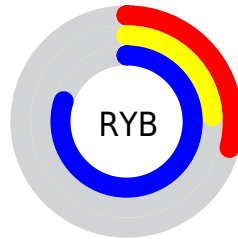
Distribution



Red (29%)

Green (24%)

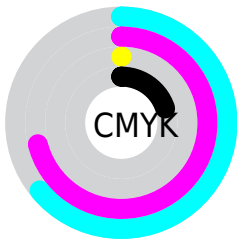
Blue (80%)



Red (29%)

Yellow (24%)

Blue (80%)

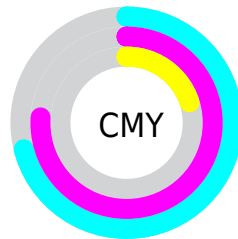


Cyan (64%)

Magenta (71%)

Yellow (0%)

Black (20%)



Cyan (71%)

Magenta (76%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.7160, 61.2720, -5.8899 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 80.7160, 61.2720, -5.8899 by changing the saturation by 10% instead.

■ 80.7160, 61.2720,
-5.8899

■ 80.7160, 61.2720,
-5.8899

■ 255.0000, 0.0000,
0.0000

■ 52.0630, 61.5939,
-15.8413

■ 134.0160, 59.6451,
2.6170

■ 24.6170, 61.3208,
-21.5891

■ 158.2480, 47.6987,
7.6755

■ 14.0220, 53.7262,
-12.2973

■ 183.0670, 35.4630,
12.2192

■ 11.0580, 42.3694,
-9.6979

■ 208.1850, 23.0798,
17.3778

■ 12.9040, 29.1343,
-11.3168

■ 232.6940, 10.9969,
19.5624

■ 7.8200, 19.8087,
-6.8581

■ 249.7170, 2.6045,

■ 3.6650, 11.5042,

4.6332

-3.2142

■ 0.0000, 0.0000,
0.0000

■ 80.7160, 61.2720,
-5.8899

■ 80.7160, 61.2720,
-5.8899

■ 62.7080, 70.1500,
-6.7599

■ 98.7240, 52.3941,
-5.0199

■ 45.5860, 78.5911,
-7.5299

■ 115.8460, 43.9529,
-4.2499

■ 29.3500, 86.5954,
-8.2000

■ 133.8540, 35.0750,
-3.3800

■ 150.9760, 26.6338,
-2.6100

■ 168.9840, 17.7559,
-1.7400

■ 186.1060, 9.3147,
-0.9700

■ 204.1140, 0.4368,
-0.1000

■ 221.2360, -8.0043,
0.6700

■ 239.2440,
-16.8823, 1.5400

Harmonies

Analogous

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



81.2840, 72.8240, -71.2861



80.7160, 61.2720, -5.8899



67.8160, 40.0237, 89.6154

Triad

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



80.7160, 61.2720, -5.8899



76.5590, -37.7436, 66.1618



75.0580, 8.3524, -65.8259

Complementary

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



80.7160, 61.2720, -5.8899



184.2840, -61.2720, 5.8899

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.



63.4930, -28.3440, -55.6834



80.7160, 61.2720, -5.8899



79.7840, -39.3335, 15.9754

Square

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



80.7160, 61.2720, -5.8899



57.3520, -23.3445, 114.5783



59.2870, -29.2285, -51.9947



83.6250, 38.6389, -73.3391

Rectangle

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



80.7160, 61.2720, -5.8899



69.8620, 16.8300, 108.8690



59.2870, -29.2285, -51.9947



71.6210, -2.2782, -62.8116

Sweetspot

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



80.7160, 61.2720, -5.8899



208.9500, 22.7027, -1.7101



154.6010, 24.8467, -82.9651



100.5450, 13.5353, -1.3550



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.



80.7160, 61.2720, -5.8899



69.0170, 91.6896, -8.7849



101.9450, 50.8061, 37.7592



93.4390, 4.2206, -0.3850



23.7080, 70.1500, -6.7599



5.5280, 16.0087, -1.3401

Inverse Universe

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



118.2890, 35.8465, 76.0455



125.2270, 53.6251, 113.8109



163.0550, -50.8061, -37.7592



96.0160, 2.4571, 5.2480



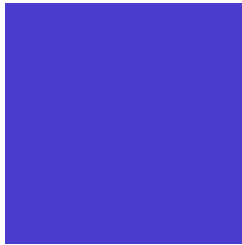
66.7340, 41.0501, 87.0563



15.3520, 9.6865, 19.8623

Previews

White Background



This preview shows how the YUV color 80.7160, 61.2720, -5.8899 looks on a white background.

Color Contrast Check

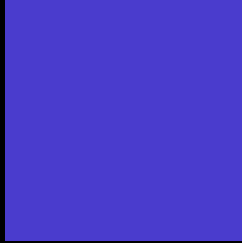
Large Text (above 18pt) WCAG AA ✓ Pass

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 80.7160, 61.2720, -5.8899 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

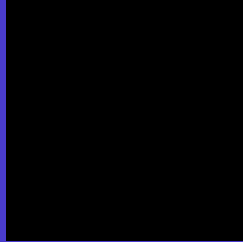
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.7160, 61.2720, -5.8899

Background



This preview shows how black text looks on a background with the YUV color 80.7160, 61.2720, -5.8899.



This preview shows how white text looks on a background with the YUV color 80.7160, 61.2720, -5.8899.

-5.8899.

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

80.7160, 61.2720, -5.8899

Protanopia

67.7420, 51.3992, -59.4097

Tritanopia

66.6920, 16.9138, -58.4889

Trichromacy



Original Color

80.7160, 61.2720, -5.8899

Protanomaly

72.4870, 54.9759, -39.8921

Tritanomaly

72.0530, 33.0049, -39.5115

Monochromacy



Original Color

80.7160, 61.2720, -5.8899

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

80.5370, 22.4133, -2.2249

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.7160, 61.2720, -5.8899 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(74, 60, 205)` looks like.

```
.text, #text, p{  
    color:rgb(74, 60, 205)  
}
```

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(74, 60, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 60, 205) }
```

Border

The CSS property to change the border of an element to YUV 80.7160, 61.2720, -5.8899 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(74, 60, 205) }
```

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

```
.border{ border-color:rgb(74, 60, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 60, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 60, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 60, 205);  
box-shadow:4px 4px 4px 4px rgb(74, 60,  
205) }
```


Background

The CSS property to change the background color of an element to YUV 80.7160, 61.2720, -5.8899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 60, 205) }
```

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

```
.background{ background-color: rgb(74, 60,  
205) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor