

Converting Colors

YUV(50.1100, 80.7978, 31.4755)

Have a look what the booklet for
YUV(50.1100, 80.7978, 31.4755)
contains.

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Color

**YUV(50.1100, 80.7978,
31.4755)**

Conversions

Conversions Part 1

Format	Color
Hex	5600D6
RGB	86, 0, 214
RGB Percent	34%, 0%, 84%
CMY	0.6627, 1.0000, 0.1608
CMYK	0.60, 1.00, 0.00, 0.16
HSL	264°, 100%, 42%
HSV	264°, 100%, 84%
XYZ	15.9754, 6.8335, 64.0953
YIQ	50.1100, -17.4380, 84.7860

Conversions

Conversions Part 2

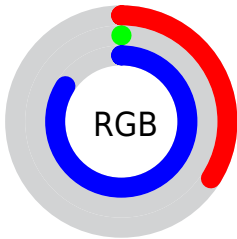
Format	Color
RYB	86, 0, 214
Decimal	5636310
CIELab	31.42, 71.52, -85.85
CIELCh	31, 111.737, 309.796
Yxy	6.8335, 0.1838, 0.0786
Android (android.graphics.Color)	4283826390 (0xFF5600D6)
YUV	50.1100, 80.7978, 31.4755
Hunter-Lab	26.1409, 63.3391, -127.0755

Details

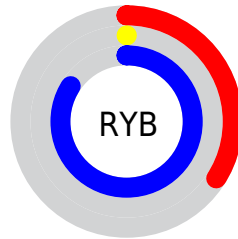
The YUV color **50.1100, 80.7978, 31.4755** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **163.8900, -80.7978, -31.4755**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.4830, 68.2889, 30.2714**, and **18.0120, 69.0141, -15.7965** is the 20% darker color. If you saturate the color by 10%, you get **50.1100, 80.7978, 31.4755**, and if you desaturate by 10%, it is **66.3240, 72.8043, 28.6569**.

Distribution



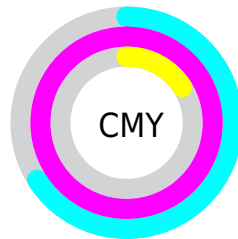
- Red (34%)
- Green (0%)
- Blue (84%)



- Red (34%)
- Yellow (0%)
- Blue (84%)



- Cyan (60%)
- Magenta (100%)
- Yellow (0%)
- Black (16%)



- Cyan (66%)
- Magenta (100%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 50.1100, 80.7978, 31.4755 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 50.1100, 80.7978, 31.4755 by changing the saturation by 10% instead.

■ 50.1100, 80.7978,
31.4755

■ 50.1100, 80.7978,
31.4755

■ 255.0000, 0.0000,
0.0000

■ 35.1430, 73.8795,
10.3986

■ 116.4830, 68.2889,
30.2714

■ 18.0120, 69.0141,
-15.7965

■ 142.1880, 55.6163,
34.9151

■ 14.8200, 56.7837,
-12.9971

■ 167.3060, 43.2331,
40.0736

■ 11.8560, 45.4270,
-10.3977

■ 193.0110, 30.5606,
44.7174

■ 14.8760, 31.6131,
-13.0463

■ 213.3230, 20.5468,
36.5507

■ 9.2050, 22.5769,
-8.0728


■ 229.7590, 12.4438,


■ 4.9360, 13.8356,


22.1364


-4.3289


 247.3690, 3.7621,
6.6924


 0.5700, 2.1840,
-0.4999


 0.0000, 0.0000,
0.0000

 50.1100, 80.7978,
31.4755

 66.3240, 72.8043,
28.6569

 83.1250, 64.5214,
25.3234

 99.0400, 56.6753,
21.8899

 115.8410, 48.3924,
18.5564

■ 132.0550, 40.3989,
15.7378

■ 148.2690, 32.4054,
12.9191

■ 165.0700, 24.1225,
9.5856

■ 180.9850, 16.2764,
6.1522

■ 197.7860, 7.9935,
2.8187

Harmonies

Analogous

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



77.7910, 87.3640, -68.2227



50.1100, 80.7978, 31.4755



71.8300, 32.1288, 101.8811

Triad

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



50.1100, 80.7978, 31.4755



65.0300, -32.0598, 63.1177



70.3280, 15.6143, -61.6777

Complementary

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



50.1100, 80.7978, 31.4755



163.8900, -80.7978, -31.4755

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.



57.5260, -28.3603, -50.4503



50.1100, 80.7978, 31.4755



66.0960, -32.5853, -1.8382

Square

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



50.1100, 80.7978, 31.4755



55.9130, -27.5651, 114.9633



55.1780, -27.2028, -48.3911



81.8930, 52.3108, -71.8202

Rectangle

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



50.1100, 80.7978, 31.4755



71.6110, 4.1358, 120.4902



55.1780, -27.2028, -48.3911



66.2070, 2.3629, -58.0635

Sweetspot

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



50.1100, 80.7978, 31.4755



196.6340, 28.7744, 10.8450



99.5320, 56.4327, -87.2896



92.6260, 17.4394, 6.4670



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.



50.1100, 80.7978, 31.4755



59.5680, 96.3480, 37.2129



82.1030, 65.0252, 97.2567



98.7490, 4.0677, 1.9741



40.1250, 64.5214, 25.3234



9.9850, 16.2764, 6.1522

Inverse Universe

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



78.5780, 24.3650, 118.7651



93.6870, 29.2413, 141.4715



131.8970, -65.0252, -97.2567



100.0870, 1.4361, 6.0627



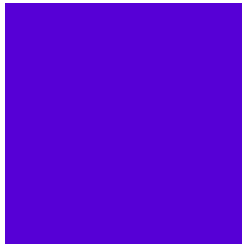
62.7570, 19.3468, 94.9291



15.8210, 5.0182, 23.8360

Previews

White Background



This preview shows how the YUV color 50.1100, 80.7978, 31.4755 looks on a white background.

Color Contrast Check

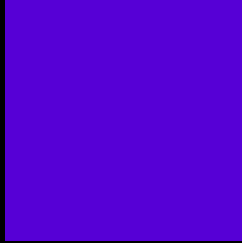
Large Text (above 18pt) WCAG AA ✓ Pass

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 50.1100, 80.7978, 31.4755 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

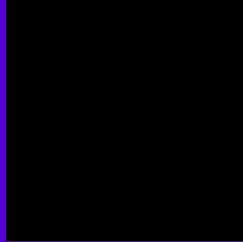
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 50.1100, 80.7978, 31.4755

Background



This preview shows how black text looks on a background with the YUV color 50.1100, 80.7978, 31.4755.



This preview shows how white text looks on a background with the YUV color 50.1100, 80.7978,

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

60.4070, 46.1413, -52.9769

Deuteranopia

60.7200, 34.6480, -53.2514

Tritanopia

67.0540, 11.3124, -35.1274

Trichromacy



Protanomaly

56.3350, 58.9948, -22.2188

Deuteranomaly

56.9730, 51.2853, -22.7783

Tritanomaly

60.8530, 36.5545, -11.2721

Monochromacy



Achromatopsia

50.0000, 0.0000, 0.0000

Achromatomaly

50.1610, 29.5006, 11.2598

CSS Examples

Text

The CSS property to change the color of the text to YUV 50.1100, 80.7978, 31.4755 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(86, 0, 214)` looks like.

```
.text, #text, p{  
    color:rgb(86, 0, 214)  
}
```

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(86, 0, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 0, 214) }
```

Border

The CSS property to change the border of an element to YUV 50.1100, 80.7978, 31.4755 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(86, 0, 214) }
```

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

```
.border{ border-color:rgb(86, 0, 214) }
```

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

Here you see how a box with a 4 pixel rgb(86, 0, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 0, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 0, 214);  
box-shadow:4px 4px 4px 4px rgb(86, 0, 214)  
}
```


Background

The CSS property to change the background color of an element to YUV 50.1100, 80.7978, 31.4755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 0, 214) }
```

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

```
.background{ background-color: rgb(86, 0,  
214) }
```

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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