

Converting Colors

YUV(50.8650, 82.3976, 31.6904)

Have a look what the booklet for
YUV(50.8650, 82.3976, 31.6904)
contains.

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Color

**YUV(50.8650, 82.3976,
31.6904)**

Conversions

Conversions Part 1

Format	Color
Hex	5700DA
RGB	87, 0, 218
RGB Percent	34%, 0%, 85%
CMY	0.6588, 1.0000, 0.1451
CMYK	0.60, 1.00, 0.00, 0.15
HSL	264°, 100%, 43%
HSV	264°, 100%, 85%
XYZ	16.5854, 7.0882, 66.8237
YIQ	50.8650, -18.1260, 86.2420

Conversions

Conversions Part 2

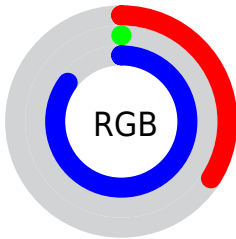
Format	Color
RYB	87, 0, 218
Decimal	5701850
CIELab	32.01, 72.48, -87.19
CIElCh	32, 113.382, 309.735
Yxy	7.0882, 0.1833, 0.0783
Android (android.graphics.Color)	4283891930 (0xFF5700DA)
YUV	50.8650, 82.3976, 31.6904
Hunter-Lab	26.6237, 64.6062, -130.1775

Details

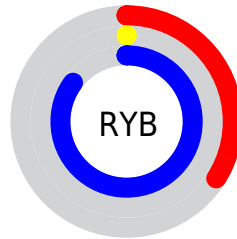
The YUV color **50.8650, 82.3976, 31.6904** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **167.1350, -82.3976, -31.6904**, and the grayscale version is **50.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.3690, 67.8521, 30.3714**, and **18.3540, 70.3245, -16.0965** is the 20% darker color. If you saturate the color by 10%, you get **50.8650, 82.3976, 31.6904**, and if you desaturate by 10%, it is **67.6660, 74.1147, 28.3569**.

Distribution



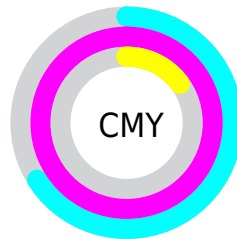
- Red (34%)
- Green (0%)
- Blue (85%)



- Red (34%)
- Yellow (0%)
- Blue (85%)



- Cyan (60%)
- Magenta (100%)
- Yellow (0%)
- Black (15%)



- Cyan (66%)
- Magenta (100%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 50.8650, 82.3976, 31.6904 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 50.8650, 82.3976, 31.6904 by changing the saturation by 10% instead.

■ 50.8650, 82.3976,
31.6904

■ 50.8650, 82.3976,
31.6904

■ 255.0000, 0.0000,
0.0000

■ 35.8980, 75.4793,
10.6135

■ 117.3690, 67.8521,
30.3714

■ 18.3540, 70.3245,
-16.0965

■ 143.0740, 55.1795,
35.0151

■ 15.2760, 58.5309,
-13.3971

■ 168.1920, 42.7963,
40.1736

■ 12.3120, 47.1742,
-10.7976

■ 194.1960, 29.9764,
45.4321

■ 15.8050, 32.6341,
-13.8610

■ 213.3230, 20.5468,
36.5507


■ 9.5470, 23.8873,
-8.3727


■ 230.3460, 12.1544,


■ 5.1640, 14.7091,


21.6216


-4.5288


 247.9560, 3.4727,
6.1776


 1.2540, 4.8048,
-1.0998


 0.0000, 0.0000,
0.0000

 50.8650, 82.3976,
31.6904

 67.6660, 74.1147,
28.3569

 84.4670, 65.8318,
25.0234

 100.6810, 57.8383,
22.2048

 117.4820, 49.5554,
18.8713

■ 134.5820, 41.1251,
16.1526

■ 151.3830, 32.8422,
12.8191

■ 168.1840, 24.5593,
9.4856

■ 184.3980, 16.5658,
6.6670

■ 201.1990, 8.2829,
3.3335

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



50.8650, 82.3976, 31.6904



73.2540, 32.4128, 104.1402

Triad

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



50.8650, 82.3976, 31.6904



66.2150, -32.6440, 63.8324



71.7300, 15.9091, -62.9072

Complementary

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



50.8650, 82.3976, 31.6904



167.1350, -82.3976, -31.6904

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.



58.1130, -28.6497, -50.9651



50.8650, 82.3976, 31.6904



67.8680, -33.4589, -1.6382

Square

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



50.8650, 82.3976, 31.6904



57.1090, -28.1547, 117.4224



55.7650, -27.4921, -48.9059



83.5230, 53.4792, -73.2497

Rectangle

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



50.8650, 82.3976, 31.6904



72.6220, 4.1304, 122.2345



55.7650, -27.4921, -48.9059



67.6090, 2.6578, -59.2931

Sweetspot

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



50.8650, 82.3976, 31.6904



196.6340, 28.7744, 10.8450



103.5100, 56.4436, -90.7783



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.



50.8650, 82.3976, 31.6904



59.5680, 96.3480, 37.2129



82.5590, 66.7724, 96.8568



101.4500, 4.2151, 1.3593



40.3530, 65.3950, 25.1234



10.6260, 17.4394, 6.4670

Inverse Universe

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



80.1160, 25.0858, 120.9243



93.6870, 29.2413, 141.4715



135.4410, -66.7724, -96.8568



102.9730, 0.9993, 6.1627



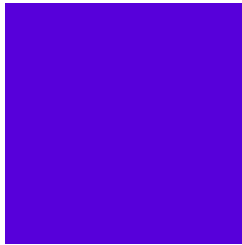
63.5830, 19.9256, 95.9587



16.9460, 5.4496, 25.4804

Previews

White Background



This preview shows how the YUV color 50.8650, 82.3976, 31.6904 looks on a white background.

Color Contrast Check

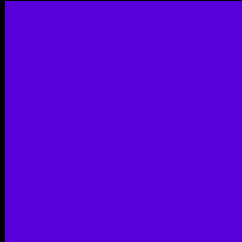
Large Text (above 18pt) WCAG AA ✓ Pass

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 50.8650, 82.3976, 31.6904 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

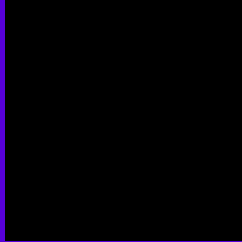
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 50.8650, 82.3976, 31.6904

Background



This preview shows how black text looks on a background with the YUV color 50.8650, 82.3976, 31.6904.



This preview shows how white text looks on a background with the YUV color 50.8650, 82.3976,

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

61.2220, 46.7256, -53.6917

Deuteranopia

61.5350, 35.2322, -53.9662

Tritanopia

67.8580, 11.9020, -37.5865

Trichromacy



Protanomaly

57.5630, 59.8684, -22.4188

Deuteranomaly

57.6140, 52.4483, -22.4635

Tritanomaly

61.7820, 37.5755, -12.0868

Monochromacy



Achromatopsia

51.0000, 0.0000, 0.0000

Achromatomaly

50.6880, 30.2268, 11.6746

CSS Examples

Text

The CSS property to change the color of the text to YUV 50.8650, 82.3976, 31.6904 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(87, 0, 218)` looks like.

```
.text, #text, p{  
    color:rgb(87, 0, 218)  
}
```

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(87, 0, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 0, 218) }
```

Border

The CSS property to change the border of an element to YUV 50.8650, 82.3976, 31.6904 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(87, 0, 218) }
```

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

```
.border{ border-color:rgb(87, 0, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 0, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 0, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 0, 218);  
box-shadow:4px 4px 4px 4px rgb(87, 0, 218)  
}
```


Background

The CSS property to change the background color of an element to YUV 50.8650, 82.3976, 31.6904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 0, 218) }
```

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

```
.background{ background-color: rgb(87, 0,  
218) }
```

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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