

Converting Colors

YUV(82.9320, 46.8685, -6.0794)

Have a look what the booklet for
YUV(82.9320, 46.8685, -6.0794)
contains.

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Color

**YUV(82.9320, 46.8685,
-6.0794)**

Conversions

Conversions Part 1

Format	Color
Hex	4C44B2
RGB	76, 68, 178
RGB Percent	30%, 27%, 70%
CMY	0.7020, 0.7333, 0.3020
CMYK	0.57, 0.62, 0.00, 0.30
HSL	244°, 45%, 48%
HSV	244°, 62%, 70%
XYZ	13.0835, 8.8851, 43.1449
YIQ	82.9320, -30.5420, 35.9060

Conversions

Conversions Part 2

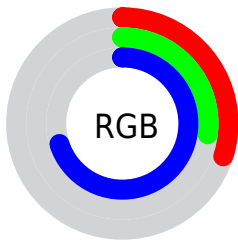
Format	Color
R_{YB}	76, 68, 178
Decimal	4998322
CIE _{Lab}	35.76, 35.05, -57.65
CIE _{LCh}	36, 67.474, 301.299
Yxy	8.8851, 0.2009, 0.1365
Android (android.graphics.Color)	4283188402 (0xFF4C44B2)
YUV	82.9320, 46.8685, -6.0794
Hunter-Lab	29.8079, 26.1848, -64.9528

Details

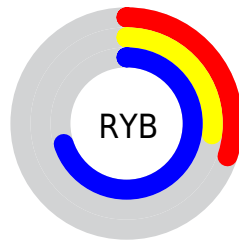
The YUV color **82.9320, 46.8685, -6.0794** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **163.0680, -46.8685, 6.0794**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.5350, 49.0362, -1.3462**, and **28.2240, 47.2176, -24.7524** is the 20% darker color. If you saturate the color by 10%, you get **67.2830, 54.5835, -7.2642**, and if you desaturate by 10%, it is **98.5810, 39.1536, -4.8945**.

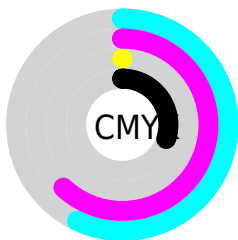
Distribution



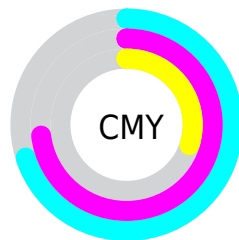
- Red (30%)
- Green (27%)
- Blue (70%)



- Red (30%)
- Yellow (27%)
- Blue (70%)



- Cyan (57%)
- Magenta (62%)
- Yellow (0%)
- Black (30%)



- Cyan (70%)
- Magenta (73%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.9320, 46.8685, -6.0794 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 82.9320, 46.8685, -6.0794 by changing the saturation by 10% instead.

■ 82.9320, 46.8685,
-6.0794

■ 82.9320, 46.8685,
-6.0794

255.0000, 0.0000,
0.0000

■ 56.7850, 46.4480,
-11.2124

■ 135.5350, 49.0362,
-1.3462

■ 28.2240, 47.2176,
-24.7524

■ 160.8620, 46.4100,
0.9980

■ 13.6340, 42.0854,
-11.9570

■ 185.3820, 34.3217,
4.9270

■ 8.4360, 32.3231,
-7.3984

■ 210.2010, 22.0859,
9.4707

■ 8.0480, 20.6823,
-7.0581

■ 236.1940, 9.2714,
12.9849

■ 4.3660, 11.6516,
-3.8290

253.8260, 0.5788,

■ 0.0000, 0.0000,

1.0296

0.0000

■ 82.9320, 46.8685,
-6.0794

■ 82.9320, 46.8685,
-6.0794

■ 67.2830, 54.5835,
-7.2642

■ 98.5810, 39.1536,
-4.8945

■ 51.9330, 62.1510,
-7.8342

■ 113.9310, 31.5860,
-4.3245

■ 36.8710, 69.5766,
-9.5339

■ 128.9930, 24.1605,
-2.6249

■ 24.1790, 75.8338,
-9.8040

■ 144.3430, 16.5929,
-2.0548

■ 159.9920, 8.8779,
-0.8700

■ 175.3420, 1.3104,
-0.2999

■ 190.9910, -6.4046,
0.8849

■ 205.7540,
-13.6827, 1.9697

■ 221.4030,
-21.3977, 3.1546

Harmonies

Analogous

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



75.5330, 58.4042, -66.2424



82.9320, 46.8685, -6.0794



75.7190, 30.2115, 63.3904

Triad

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



82.9320, 46.8685, -6.0794



77.3900, -38.1533, 57.5400



71.9120, 6.4524, -63.0668

Complementary

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



82.9320, 46.8685, -6.0794



163.0680, -46.8685, 6.0794

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.



63.4250, -18.4505, -55.6237



82.9320, 46.8685, -6.0794



78.9200, -38.9076, 19.3642

Square

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



82.9320, 46.8685, -6.0794



62.3970, -14.9857, 93.4908



69.8070, -34.4149, -21.7557



78.0680, 30.0395, -68.4656

Rectangle

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



82.9320, 46.8685, -6.0794



62.1590, 19.6416, 93.6996



69.8070, -34.4149, -21.7557



69.1590, -1.5574, -60.6524

Sweetspot

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



82.9320, 46.8685, -6.0794



193.9130, 18.7769, -2.5547



141.0010, 18.2405, -64.0219



93.6760, 11.4987, -1.4699



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



82.9320, 46.8685, -6.0794



83.4950, 73.2130, -9.2041



99.0780, 38.9085, 27.1186



81.3250, 3.7838, -0.2850



20.7310, 65.2086, -8.5341



3.5620, 11.0619, -1.3699

Inverse Universe

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



112.5180, 28.3386, 57.4277



129.6680, 44.5337, 89.7452



146.9220, -38.9085, -27.1186



83.7170, 2.6045, 4.6332



61.9350, 39.4720, 79.8640



10.5100, 6.6506, 13.5847

Previews

White Background



This preview shows how the YUV color 82.9320, 46.8685, -6.0794 looks on a white background.

Color Contrast Check

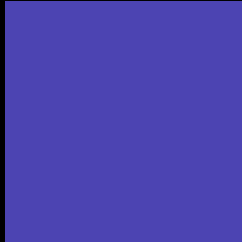
Large Text (above 18pt) WCAG AA ✓ Pass

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 82.9320, 46.8685, -6.0794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

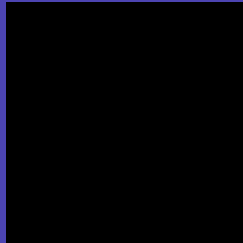
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 82.9320, 46.8685, -6.0794

Background



This preview shows how black text looks on a background with the YUV color 82.9320, 46.8685, -6.0794.



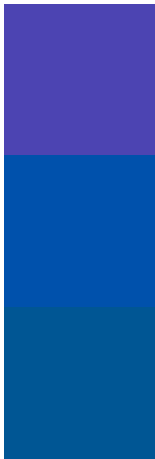
This preview shows how white text looks on a background with the YUV color 82.9320, 46.8685, -6.0794.

-6.0794.

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

82.9320, 46.8685, -6.0794

Protanopia

67.1550, 51.6886, -58.8949

Deuteranopia

67.3540, 39.7585, -59.0695



Tritanopia

77.7450, 9.9857, -29.5944

Trichromacy



Original Color

82.9320, 46.8685, -6.0794

Protanomaly

72.8200, 49.8817, -39.3071

Deuteranomaly

72.8710, 42.4616, -39.3519

Tritanomaly

79.9430, 23.1991, -20.9980

Monochromacy



Original Color

82.9320, 46.8685, -6.0794

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

83.1580, 17.1771, -2.7696

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.9320, 46.8685, -6.0794 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(76, 68, 178)` looks like.

```
.text, #text, p{  
    color:rgb(76, 68, 178)  
}
```

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(76, 68, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 68, 178) }
```

Border

The CSS property to change the border of an element to YUV 82.9320, 46.8685, -6.0794 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(76, 68, 178) }
```


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

```
.border{ border-color:rgb(76, 68, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 68, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 68, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 68, 178);  
box-shadow:4px 4px 4px 4px rgb(76, 68,  
178) }
```

Background

The CSS property to change the background color of an element to YUV 82.9320, 46.8685, -6.0794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 68, 178) }
```

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

```
.background{ background-color: rgb(76, 68,  
178) }
```

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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