

Converting Colors

YUV(127.3680, 45.6676, 5.8163)

Have a look what the booklet for
YUV(127.3680, 45.6676, 5.8163)
contains.

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Color

**YUV(127.3680, 45.6676,
5.8163)**

Conversions

Conversions Part 1

Format	Color
Hex	866ADC
RGB	134, 106, 220
RGB Percent	53%, 42%, 86%
CMY	0.4745, 0.5843, 0.1373
CMYK	0.39, 0.52, 0.00, 0.14
HSL	255°, 62%, 64%
HSV	255°, 52%, 86%
XYZ	27.9038, 20.5437, 70.2048
YIQ	127.3680, -19.9060, 41.3900

Conversions

Conversions Part 2

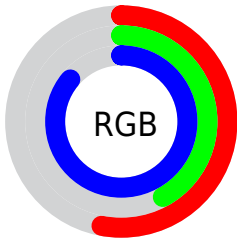
Format	Color
RYB	134, 106, 220
Decimal	8809180
CIELab	52.45, 37.28, -54.77
CIELCh	52, 66.256, 304.244
Yxy	20.5437, 0.2352, 0.1731
Android (android.graphics.Color)	4286999260 (0xFF866ADC)
YUV	127.3680, 45.6676, 5.8163
Hunter-Lab	45.3252, 30.5720, -60.1075

Details

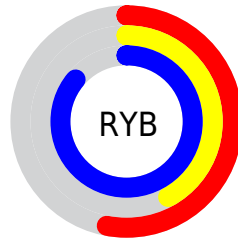
The YUV color **127.3680, 45.6676, 5.8163** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **198.6320, -45.6676, -5.8163**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.9250, 37.5050, 10.5898**, and **76.0640, 43.3524, 1.6979** is the 20% darker color. If you saturate the color by 10%, you get **109.3710, 54.5401, 6.6906**, and if you desaturate by 10%, it is **145.3650, 36.7951, 4.9419**.

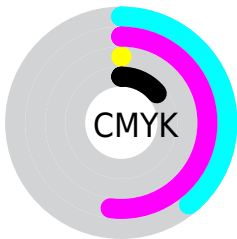
Distribution



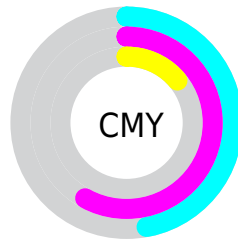
- Red (53%)
- Green (42%)
- Blue (86%)



- Red (53%)
- Yellow (42%)
- Blue (86%)



- Cyan (39%)
- Magenta (52%)
- Yellow (0%)
- Black (14%)



- Cyan (47%)
- Magenta (58%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.3680, 45.6676, 5.8163 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 127.3680, 45.6676, 5.8163 by changing the saturation by 10% instead.

■ 127.3680, 45.6676,
5.8163

■ 127.3680, 45.6676,
5.8163

■ 255.0000, 0.0000,
0.0000

■ 101.1290, 44.7994,
4.2719

■ 178.9250, 37.5050,
10.5898

■ 76.0640, 43.3524,
1.6979

■ 203.4450, 25.4166,
14.5187

■ 50.5150, 42.6371,
-2.2057

■ 228.8510, 12.8915,
18.5477

■ 22.3780, 43.6906,
-13.4865

■ 247.3690, 3.7621,
6.6924

■ 9.8040, 37.5646,
-8.5981

■ 8.8290, 26.2133,
-7.7430

■ 6.2070, 16.1669,

-5.4435

■ 2.4110, 6.6994,
-2.1144

■ 0.0000, 0.0000,
0.0000

■ 127.3680, 45.6676,
5.8163

■ 127.3680, 45.6676,
5.8163

■ 109.3710, 54.5401,
6.6906

■ 145.3650, 36.7951,
4.9419

■ 91.6730, 63.2652,
8.1798

■ 163.0630, 28.0699,
3.4527

■ 73.6760, 72.1377,
9.0541

■ 181.0600, 19.1974,
2.5784

■ 55.9780, 80.8628,
10.5433

■ 198.7580, 10.4723,
1.0892

■ 41.2260, 88.1356,
11.2028

■ 216.7550, 1.5998,
0.2149

■ 234.7520, -7.2727,
-0.6595

■ 249.5150,
-14.5509, 0.4253

■ 251.0100,
-15.2879, 3.4992

Harmonies

Analogous

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



103.5560, 66.7739, -90.8186



127.3680, 45.6676, 5.8163



124.7640, 25.2593, 65.1050

Triad

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



127.3680, 45.6676, 5.8163



117.3140, -56.3568, 62.8686



103.6850, 13.9593, -90.9317

Complementary

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



127.3680, 45.6676, 5.8163



198.6320, -45.6676, -5.8163

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.



94.6110, -10.6542, -82.9738



127.3680, 45.6676, 5.8163



116.1320, -57.2531, 23.5632

Square

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



127.3680, 45.6676, 5.8163



117.0900, -26.1734, 88.4981



107.9800, -50.2761, -21.0305



109.4820, 38.7094, -96.0157

Rectangle

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



127.3680, 45.6676, 5.8163



118.3080, 10.2012, 88.3069



107.9800, -50.2761, -21.0305



100.8180, 5.5127, -88.4174

Sweetspot

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



127.3680, 45.6676, 5.8163



221.6640, 16.4346, 2.0487



170.0650, 24.6180, -56.1850



107.6440, 10.0355, 1.1892



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.



127.3680, 45.6676, 5.8163



126.6730, 63.2652, 8.1798



144.1120, 37.4128, 40.2438



100.8520, 4.5100, 0.1298



32.5790, 69.2276, 9.1392



8.5330, 18.4712, 2.1636

Inverse Universe

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



149.8900, 20.7602, 61.4865



157.8080, 28.6887, 85.2374



181.8880, -37.4128, -40.2438



103.2010, 1.8729, 5.9627



66.6610, 31.7191, 93.2593



17.7440, 8.5072, 24.7805

Previews

White Background



This preview shows how the YUV color 127.3680, 45.6676, 5.8163 looks on a white background.

Color Contrast Check

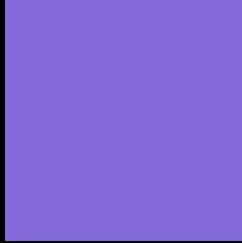
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the YUV color 127.3680, 45.6676, 5.8163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

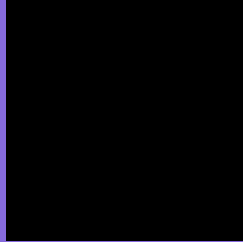
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 127.3680, 45.6676, 5.8163

Background



This preview shows how black text looks on a background with the YUV color 127.3680, 45.6676, 5.8163.



This preview shows how white text looks on a background with the YUV color 127.3680, 45.6676, 5.8163.

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

127.3680, 45.6676, 5.8163

Protanopia

116.6540, 58.3446, -47.0546

Deuteranopia

114.9170, 49.3409, -52.5472



Tritanopia

124.5520, 6.1369, -8.3771

Trichromacy



Original Color

127.3680, 45.6676, 5.8163

Protanomaly

120.9230, 53.7750, -27.9965

Deuteranomaly

119.7070, 47.9654, -31.3150

Tritanomaly

125.3690, 20.5241, -2.9546

Monochromacy



Original Color

127.3680, 45.6676, 5.8163

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

127.0770, 16.7240, 2.5635

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.3680, 45.6676, 5.8163 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(134, 106, 220)` looks like.

```
.text, #text, p{  
    color:rgb(134, 106, 220)  
}
```

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(134, 106, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 106, 220) }
```

Border

The CSS property to change the border of an element to YUV 127.3680, 45.6676, 5.8163 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(134, 106, 220) }
```


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

```
.border{ border-color:rgb(134, 106, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 106, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 106, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 106, 220);  
box-shadow:4px 4px 4px 4px rgb(134, 106,  
220) }
```

Background

The CSS property to change the background color of an element to YUV 127.3680, 45.6676, 5.8163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 106, 220) }
```

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

```
.background{ background-color: rgb(134,  
106, 220) }
```

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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