

Converting Colors

YUV(126.0660, 53.7045,
-5.3199)

Have a look what the booklet for
YUV(126.0660, 53.7045, -5.3199)
contains.

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Color

**YUV(126.0660, 53.7045,
-5.3199)**

Conversions

Conversions Part 1

Format	Color
Hex	786CEB
RGB	120, 108, 235
RGB Percent	47%, 42%, 92%
CMY	0.5294, 0.5765, 0.0784
CMYK	0.49, 0.54, 0.00, 0.08
HSL	246°, 76%, 67%
HSV	246°, 54%, 92%
XYZ	28.1037, 20.7164, 81.1147
YIQ	126.0660, -33.6150, 42.0410

Conversions

Conversions Part 2

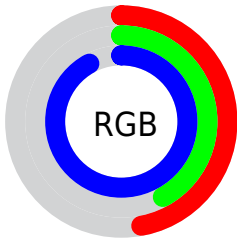
Format	Color
R _Y B	120, 108, 235
Decimal	7892203
CIE Lab	52.64, 37.25, -62.96
CIE LCh	53, 73.158, 300.609
Yxy	20.7164, 0.2163, 0.1594
Android (android.graphics.Color)	4286082283 (0xFF786CEB)
YUV	126.0660, 53.7045, -5.3199
Hunter-Lab	45.5152, 30.5644, -73.8027

Details

The YUV color $126.0660, 53.7045, -5.3199$ is a light color, and the websafe version is hex $6666CC$. A complement of this color would be $216.9340, -53.7045, 5.3199$, and the grayscale version is $126.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $176.5110, 38.6951, 2.1829$, and $72.8540, 51.8370, -13.0270$ is the 20% darker color. If you saturate the color by 10%, you get $106.2860, 63.4560, -6.3898$, and if you desaturate by 10%, it is $146.4330, 43.6635, -4.7647$.

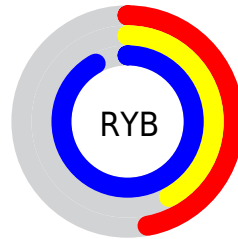
Distribution



Red (47%)

Green (42%)

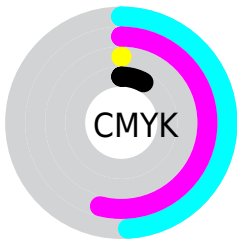
Blue (92%)



Red (47%)

Yellow (42%)

Blue (92%)

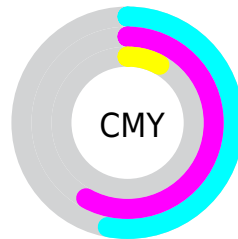


Cyan (49%)

Magenta (54%)

Yellow (0%)

Black (8%)



Cyan (53%)

Magenta (58%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 126.0660, 53.7045, -5.3199 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 126.0660, 53.7045, -5.3199 by changing the saturation by 10% instead.

■ 126.0660, 53.7045,
-5.3199

■ 126.0660, 53.7045,
-5.3199

255.0000, 0.0000,
0.0000

■ 99.1150, 52.6943,
-7.9939

■ 176.5110, 38.6951,
2.1829

■ 72.8540, 51.8370,
-13.0270

■ 201.0310, 26.6067,
6.1118

■ 43.4070, 53.0433,
-26.6669

■ 226.4370, 14.0816,
10.1408

■ 24.1150, 49.2433,
-21.1489

■ 247.9560, 3.4727,
6.1776

■ 11.2860, 43.2430,
-9.8978

■ 10.7840, 31.1655,
-9.4576

■ 8.0480, 20.6823,

-7.0581

■ 4.3660, 11.6516,
-3.8290

■ 0.0000, 0.0000,
0.0000

■ 126.0660, 53.7045,
-5.3199

■ 126.0660, 53.7045,
-5.3199

■ 106.2860, 63.4560,
-6.3898

■ 146.4330, 43.6635,
-4.7647

■ 85.6200, 73.6443,
-7.5597

■ 166.5120, 33.7646,
-3.0800

■ 65.2530, 83.6853,
-8.1149

■ 186.8790, 23.7237,
-2.5249

■ 45.4730, 93.4368,
-9.1848

■ 206.6590, 13.9721,
-1.4549

■ 33.3680, 99.4046,
-9.9697

■ 227.0260, 3.9312,
-0.8998

■ 247.1050, -5.9678,
0.7849

■ 252.7200, -8.7360,
1.9996

Harmonies

Analogous

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



106.9130, 72.0209, -93.7627



126.0660, 53.7045, -5.3199



124.0830, 31.5111, 66.5792

Triad

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



126.0660, 53.7045, -5.3199



116.4400, -57.4049, 72.4051



104.0610, 10.3229, -91.2615

Complementary

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



126.0660, 53.7045, -5.3199



216.9340, -53.7045, 5.3199

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.



94.1890, -17.3482, -82.6038



126.0660, 53.7045, -5.3199



117.9370, -58.1429, 28.9963

Square

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



126.0660, 53.7045, -5.3199



113.5630, -23.4486, 101.2382



108.1930, -53.3391, -18.5863



111.2430, 37.8412, -97.5601

Rectangle

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



126.0660, 53.7045, -5.3199



114.9700, 16.2838, 97.3733



108.1930, -53.3391, -18.5863



100.9660, 1.0028, -88.5472

Sweetspot

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



126.0660, 53.7045, -5.3199



219.8700, 17.3191, -1.6400



190.5700, 21.9040, -72.4139



106.7470, 10.4777, -0.6551



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.



126.0660, 53.7045, -5.3199



112.7080, 70.1500, -6.7599



144.6040, 44.5652, 32.7963



107.5530, 4.6574, -0.4850



25.7170, 76.5545, -7.6448



7.6510, 22.8501, -2.3249

Inverse Universe

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



159.0830, 31.5111, 66.5792



155.7340, 41.0501, 87.0563



198.3960, -44.5652, -32.7963



110.4290, 2.7465, 5.7628



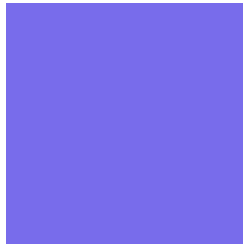
72.8150, 44.9542, 94.8782



21.6180, 13.0063, 28.3990

Previews

White Background



This preview shows how the YUV color 126.0660, 53.7045, -5.3199 looks on a white background.

Color Contrast Check

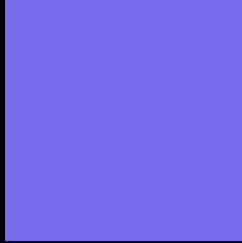
Large Text (above 18pt) WCAG AA ✓ Pass

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 126.0660, 53.7045, -5.3199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

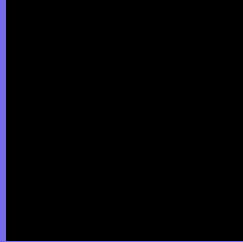
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 126.0660, 53.7045, -5.3199

Background



This preview shows how black text looks on a background with the YUV color 126.0660, 53.7045, -5.3199.



This preview shows how white text looks on a background with the YUV color 126.0660, 53.7045, -5.3199.

-5.3199.

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

126.0660, 53.7045, -5.3199

Protanopia

111.9710, 67.5553, -61.3646

Deuteranopia

100.7860, 61.2375, -88.3893



Tritanopia

121.4790, 10.1169, -24.9761

Trichromacy



Original Color

126.0660, 53.7045, -5.3199

Protanomaly

116.8380, 62.6909, -41.0769

Deuteranomaly

110.2890, 58.5245, -58.1355

Tritanomaly

123.0620, 26.0984, -17.5944

Monochromacy



Original Color

126.0660, 53.7045, -5.3199

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

125.8530, 19.7925, -1.6251

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.0660, 53.7045, -5.3199 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(120, 108, 235)` looks like.

```
.text, #text, p{  
    color:rgb(120, 108, 235)  
}
```

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(120, 108, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 108, 235) }
```

Border

The CSS property to change the border of an element to YUV 126.0660, 53.7045, -5.3199 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(120, 108, 235) }
```


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

```
.border{ border-color:rgb(120, 108, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 108, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 108, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 108, 235);  
box-shadow:4px 4px 4px 4px rgb(120, 108,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 126.0660, 53.7045, -5.3199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 108, 235) }
```

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

```
.background{ background-color: rgb(120,  
108, 235) }
```

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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