

Converting Colors

YUV(122.9600, 37.4877,
-30.6599)

Have a look what the booklet for
YUV(122.9600, 37.4877, -30.6599)
contains.

YUV(122.9600, 37.4877, -30.6599)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(122.9600, 37.4877,
-30.6599)**

Conversions

Conversions Part 1

Format	Color
Hex	587EC7
RGB	88, 126, 199
RGB Percent	35%, 49%, 78%
CMY	0.6549, 0.5059, 0.2196
CMYK	0.56, 0.37, 0.00, 0.22
HSL	219°, 50%, 56%
HSV	219°, 56%, 78%
XYZ	21.7942, 21.1199, 56.9607
YIQ	122.9600, -46.0810, 14.6470

Conversions

Conversions Part 2

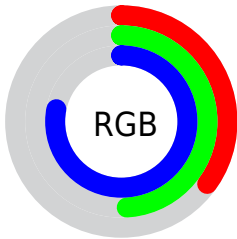
Format	Color
R _Y B	88, 116, 199
Decimal	5799623
CIE Lab	53.08, 8.27, -42.05
CIE LCh	53, 42.854, 281.132
Yxy	21.1199, 0.2182, 0.2115
Android (android.graphics.Color)	4283989703 (0xFF587EC7)
YUV	122.9600, 37.4877, -30.6599
Hunter-Lab	45.9564, 4.2272, -41.3175

Details

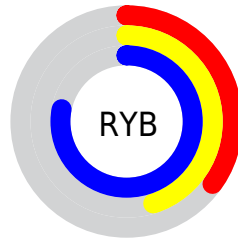
The YUV color **122.9600, 37.4877, -30.6599** is a dark color, and the websafe version is hex **336699**. The color can be described as middle muted azure. A complement of this color would be **164.0400, -37.4877, 30.6599**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.9110, 38.4979, -27.9859**, and **68.5950, 37.6677, -41.7408** is the 20% darker color. If you saturate the color by 10%, you get **109.3490, 44.1979, -36.2631**, and if you desaturate by 10%, it is **136.5710, 30.7775, -25.0568**.

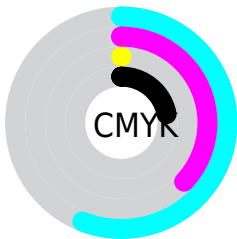
Distribution



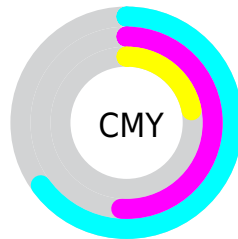
- Red (35%)
- Green (49%)
- Blue (78%)



- Red (35%)
- Yellow (45%)
- Blue (78%)



- Cyan (56%)
- Magenta (37%)
- Yellow (0%)
- Black (22%)



- Cyan (65%)
- Magenta (51%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.9600, 37.4877, -30.6599 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 122.9600, 37.4877, -30.6599 by changing the saturation by 10% instead.

■ 122.9600, 37.4877,
-30.6599

■ 122.9600, 37.4877,
-30.6599

255.0000, 0.0000,
0.0000

■ 96.1230, 36.9144,
-33.4339

■ 176.9110, 38.4979,
-27.9859

■ 68.5950, 37.6677,
-41.7408

■ 201.7190, 26.2675,
-25.1866

■ 45.8510, 36.0625,
-40.2113

■ 226.8260, 13.8898,
-21.7724

■ 31.1470, 30.4935,
-27.3159

■ 248.1230, 3.3904,
-14.1399

■ 14.9100, 26.6664,
-13.0761

■ 7.5920, 18.9351,
-6.6582

■ 3.4370, 10.6306,

-3.0142

■ 0.0000, 0.0000,
0.0000

■ 122.9600, 37.4877,
-30.6599

■ 122.9600, 37.4877,
-30.6599

■ 109.3490, 44.1979,
-36.2631

■ 136.5710, 30.7775,
-25.0568

■ 95.7380, 50.9082,
-41.8662

■ 150.1820, 24.0673,
-19.4536

■ 82.1270, 57.6184,
-47.4694

■ 163.7930, 17.3571,
-13.8505

■ 68.5160, 64.3286,
-53.0725

■ 177.4040, 10.6468,
-8.2473

■ 62.6020, 67.2442,
-54.9020

■ 191.0150, 3.9366,
-2.6442

■ 204.9140, -2.9156,
1.8294

■ 218.5250, -9.6258,
7.4326

■ 232.1360,
-16.3360, 13.0357

■ 242.1590,
-21.2774, 11.2616

Harmonies

Analogous

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



102.7630, 45.9658, -90.1232



122.9600, 37.4877, -30.6599



130.5590, 25.8534, 14.4188

Triad

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



122.9600, 37.4877, -30.6599



126.0920, -22.7234, 55.1703



106.0230, -1.9833, -64.0412

Complementary

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



122.9600, 37.4877, -30.6599



164.0400, -37.4877, 30.6599

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.



117.2770, -23.8006, -19.5369



122.9600, 37.4877, -30.6599



124.4090, -33.7256, 37.3523

Square

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



122.9600, 37.4877, -30.6599



127.3650, -6.5889, 60.1929



121.9020, -34.9547, 11.4869



101.0750, 19.1900, -88.6428

Rectangle

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



122.9600, 37.4877, -30.6599



130.1830, 16.1788, 37.5505



121.9020, -34.9547, 11.4869



111.5540, -10.6261, -45.2129

Sweetspot

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



122.9600, 37.4877, -30.6599



225.1200, 14.7308, -11.5062



161.3650, -0.6729, -64.3411



110.2470, 8.7522, -7.2326



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.



122.9600, 37.4877, -30.6599



138.1270, 57.6184, -47.4694



105.7370, 45.9787, -0.6463



92.7870, 3.0630, -2.4442



51.4540, 54.9922, -45.1252



11.1480, 12.2520, -9.7768

Inverse Universe

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



125.5210, 0.2361, 64.4411



141.8550, 0.5645, 99.2282



181.2630, -45.9787, 0.6463



93.0330, -0.0163, 5.2331



55.1210, 0.4333, 94.6099



12.1320, -0.0651, 20.9322

Previews

White Background



This preview shows how the YUV color 122.9600, 37.4877, -30.6599 looks on a white background.

Color Contrast Check

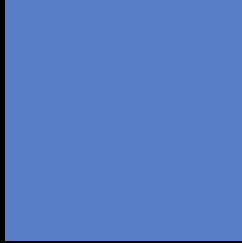
Large Text (above 18pt) WCAG AA ✓ Pass

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 122.9600, 37.4877, -30.6599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

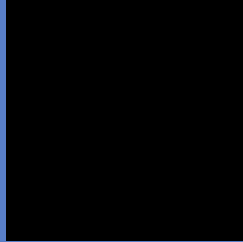
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 122.9600, 37.4877, -30.6599

Background



This preview shows how black text looks on a background with the YUV color 122.9600, 37.4877, -30.6599.



This preview shows how white text looks on a background with the YUV color 122.9600, 37.4877, -30.6599.

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

122.9600, 37.4877, -30.6599

Protanopia

124.8470, 35.5714, -22.6678

Deuteranopia

122.6610, 37.6351, -31.2747



Tritanopia

117.6230, 14.9759, -43.5194

Trichromacy



Original Color

122.9600, 37.4877, -30.6599

Protanomaly

124.3520, 36.3085, -25.7417

Deuteranomaly

122.6610, 37.6351, -31.2747

Tritanomaly

119.5340, 23.4007, -39.0563

Monochromacy



Original Color

122.9600, 37.4877, -30.6599

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

122.8920, 13.8572, -11.3063

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.9600, 37.4877, -30.6599 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(88, 126, 199)` looks like.

```
.text, #text, p{  
    color:rgb(88, 126, 199)  
}
```

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(88, 126, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 126, 199) }
```

Border

The CSS property to change the border of an element to YUV 122.9600, 37.4877, -30.6599 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(88, 126, 199) }
```


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

```
.border{ border-color:rgb(88, 126, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 126, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 126, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 126, 199);  
box-shadow:4px 4px 4px 4px rgb(88, 126,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 122.9600, 37.4877, -30.6599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 126, 199) }
```

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

```
.background{ background-color: rgb(88, 126,  
199) }
```

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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