

Converting Colors

YUV(121.9430, 39.9611,
-30.6450)

Have a look what the booklet for
YUV(121.9430, 39.9611, -30.6450)
contains.

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Color

**YUV(121.9430, 39.9611,
-30.6450)**

Conversions

Conversions Part 1

Format	Color
Hex	577CCB
RGB	87, 124, 203
RGB Percent	34%, 49%, 80%
CMY	0.6588, 0.5137, 0.2039
CMYK	0.57, 0.39, 0.00, 0.20
HSL	221°, 53%, 57%
HSV	221°, 57%, 80%
XYZ	21.9176, 20.7533, 59.3505
YIQ	121.9430, -47.4110, 16.7250

Conversions

Conversions Part 2

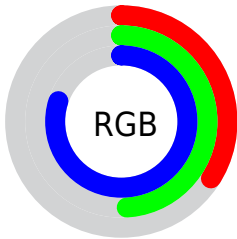
Format	Color
R _Y B	87, 115, 203
Decimal	5733579
CIE Lab	52.68, 10.58, -44.96
CIE LCh	53, 46.192, 283.245
Yxy	20.7533, 0.2148, 0.2034
Android (android.graphics.Color)	4283923659 (0xFF577CCB)
YUV	121.9430, 39.9611, -30.6450
Hunter-Lab	45.5558, 6.1564, -45.3544

Details

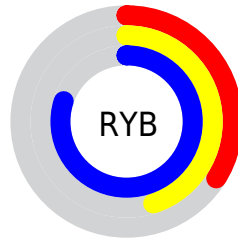
The YUV color $121.9430, 39.9611, -30.6450$ is a dark color, and the websafe version is hex $6699FF$. The color can be described as middle muted azure. A complement of this color would be $168.0570, -39.9611, 30.6450$, and the grayscale version is $122.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $175.7370, 39.0767, -26.9563$, and $65.9690, 40.4413, -44.6998$ is the 20% darker color. If you saturate the color by 10%, you get $107.7450, 46.9607, -35.7334$, and if you desaturate by 10%, it is $136.1410, 32.9615, -25.5567$.

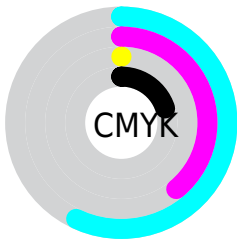
Distribution



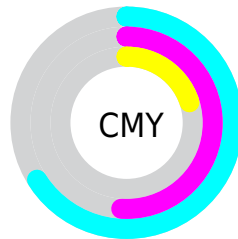
- Red (34%)
- Green (49%)
- Blue (80%)



- Red (34%)
- Yellow (45%)
- Blue (80%)



- Cyan (57%)
- Magenta (39%)
- Yellow (0%)
- Black (20%)



- Cyan (66%)
- Magenta (51%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.9430, 39.9611, -30.6450 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 121.9430, 39.9611, -30.6450 by changing the saturation by 10% instead.

■ 121.9430, 39.9611,
-30.6450

■ 121.9430, 39.9611,
-30.6450

■ 255.0000, 0.0000,
0.0000

■ 94.8070, 39.5351,
-34.0337

■ 175.7370, 39.0767,
-26.9563

■ 65.9690, 40.4413,
-44.6998

■ 200.5450, 26.8463,
-24.1570

■ 45.6060, 37.6622,
-39.9965

■ 225.6520, 14.4686,
-20.7428

■ 30.4290, 32.8195,
-26.6862

■ 248.1230, 3.3904,
-14.1399

■ 14.1920, 28.9923,
-12.4464

■ 7.9340, 20.2455,
-6.9581

■ 3.6650, 11.5042,

-3.2142

■ 0.0000, 0.0000,
0.0000

■ 121.9430, 39.9611,
-30.6450

■ 121.9430, 39.9611,
-30.6450

■ 107.7450, 46.9607,
-35.7334

■ 136.1410, 32.9615,
-25.5567

■ 93.2480, 54.1077,
-41.4365

■ 150.6380, 25.8145,
-19.8535

■ 79.6370, 60.8180,
-47.0396

■ 164.2490, 19.1042,
-14.2504

■ 65.4390, 67.8176,
-52.1280

■ 178.4470, 12.1046,
-9.1620

■ 61.2970, 69.8596,
-53.7575

■ 192.9440, 4.9576,
-3.4589

■ 207.1420, -2.0420,
1.6295

■ 221.3400, -9.0416,
6.7178

■ 235.5380,
-16.0412, 11.8062

■ 244.9630,
-20.6878, 8.8024

Harmonies

Analogous

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



102.7460, 48.4392, -90.1082



121.9430, 39.9611, -30.6450



129.5210, 26.8581, 18.8371

Triad

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



121.9430, 39.9611, -30.6450



124.7180, -25.4970, 58.1293



96.0420, 2.4443, -84.2288

Complementary

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



121.9430, 39.9611, -30.6450



168.0570, -39.9611, 30.6450

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.



115.0160, -24.6579, -24.5700



121.9430, 39.9611, -30.6450



123.0840, -37.5094, 37.6373

Square

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



121.9430, 39.9611, -30.6450



125.4580, -7.6208, 64.4963



119.7940, -37.8594, 9.8277



101.4170, 20.5004, -88.9427

Rectangle

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



121.9430, 39.9611, -30.6450



129.2160, 16.1625, 42.7836



119.7940, -37.8594, 9.8277



107.1290, -9.4306, -55.3641

Sweetspot

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



121.9430, 39.9611, -30.6450



224.5330, 15.0202, -10.9914



163.8700, 0.0641, -67.4150



109.6600, 9.0416, -6.7178



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.



121.9430, 39.9611, -30.6450



131.9360, 60.6706, -46.4249



105.9050, 47.8678, 0.0833



94.9010, 3.4998, -2.5442



50.0350, 57.1707, -43.8807



11.3760, 13.1256, -9.9768

Inverse Universe

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



125.9020, -0.9377, 67.6149



138.0080, -1.4829, 102.6020



184.0950, -47.8678, -0.0833



95.3320, -0.1637, 5.8478



55.6760, -1.3193, 96.7541



12.7300, -0.3599, 22.1618

Previews

White Background



This preview shows how the YUV color 121.9430, 39.9611, -30.6450 looks on a white background.

Color Contrast Check

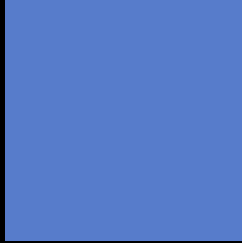
Large Text (above 18pt) WCAG AA ✓ Pass

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 121.9430, 39.9611, -30.6450 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 121.9430, 39.9611, -30.6450

Background



This preview shows how black text looks on a background with the YUV color 121.9430, 39.9611, -30.6450.



This preview shows how white text looks on a background with the YUV color 121.9430, 39.9611, -30.6450.

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

121.9430, 39.9611, -30.6450

Protanopia

123.3350, 38.7818, -25.7268

Deuteranopia

120.7250, 40.5616, -36.5928



Tritanopia

116.0250, 15.2707, -44.7489

Trichromacy



Original Color

121.9430, 39.9611, -30.6450

Protanomaly

122.4380, 39.2241, -27.5711

Deuteranomaly

121.0350, 40.4087, -34.2337

Tritanomaly

118.3490, 23.9849, -39.7711

Monochromacy



Original Color

121.9430, 39.9611, -30.6450

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

122.0060, 14.2940, -11.4063

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.9430, 39.9611, -30.6450 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, 124, 203)` looks like.

```
.text, #text, p{  
    color:rgb(87, 124, 203)  
}
```

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, 124, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 124, 203) }
```

Border

The CSS property to change the border of an element to YUV 121.9430, 39.9611, -30.6450 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, 124, 203) }
```


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

```
.border{ border-color:rgb(87, 124, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 124, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 124, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 124, 203);  
box-shadow:4px 4px 4px 4px rgb(87, 124,  
203) }
```

Background

The CSS property to change the background color of an element to YUV 121.9430, 39.9611, -30.6450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 124, 203) }
```

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

```
.background{ background-color: rgb(87, 124,  
203) }
```

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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