

Converting Colors

YUV(120.9370, 42.4291,
-28.8857)

Have a look what the booklet for
YUV(120.9370, 42.4291, -28.8857)
contains.

YUV(120.9370, 42.4291, -28.8857)	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(120.9370, 42.4291,
-28.8857)**

Conversions

Conversions Part 1

Format	Color
Hex	5879CF
RGB	88, 121, 207
RGB Percent	35%, 47%, 81%
CMY	0.6549, 0.5255, 0.1882
CMYK	0.57, 0.42, 0.00, 0.19
HSL	223°, 55%, 58%
HSV	223°, 57%, 81%
XYZ	22.1244, 20.2544, 61.7749
YIQ	120.9370, -47.2740, 19.7500

Conversions

Conversions Part 2

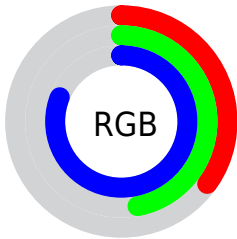
Format	Color
R _Y B	88, 114, 207
Decimal	5798351
CIE Lab	52.12, 13.94, -48.12
CIE LCh	52, 50.093, 286.153
Yxy	20.2544, 0.2124, 0.1945
Android (android.graphics.Color)	4283988431 (0xFF5879CF)
YUV	120.9370, 42.4291, -28.8857
Hunter-Lab	45.0049, 8.9917, -49.8795

Details

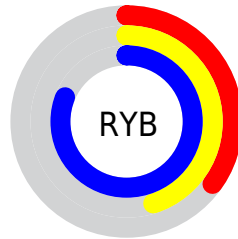
The YUV color **120.9370, 42.4291, -28.8857** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **174.0630, -42.4291, 28.8857**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.2750, 39.7974, -24.7972**, and **64.6640, 43.0566, -43.5553** is the 20% darker color. If you saturate the color by 10%, you get **105.8530, 49.8655, -34.0741**, and if you desaturate by 10%, it is **136.0210, 34.9926, -23.6974**.

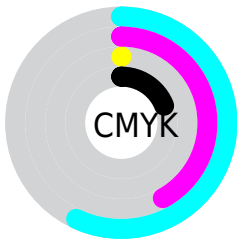
Distribution



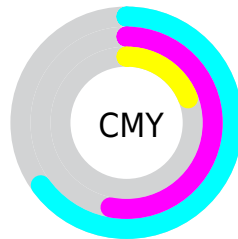
- Red (35%)
- Green (47%)
- Blue (81%)



- Red (35%)
- Yellow (45%)
- Blue (81%)



- Cyan (57%)
- Magenta (42%)
- Yellow (0%)
- Black (19%)



- Cyan (65%)
- Magenta (53%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.9370, 42.4291, -28.8857 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 120.9370, 42.4291, -28.8857 by changing the saturation by 10% instead.

■ 120.9370, 42.4291,
-28.8857

■ 120.9370, 42.4291,
-28.8857

255.0000, 0.0000,
0.0000

■ 93.8010, 42.0031,
-32.2745

■ 174.2750, 39.7974,
-24.7972

■ 64.6640, 43.0566,
-43.5553

■ 198.7950, 27.7091,
-20.8682

■ 44.3010, 40.2776,
-38.8520

■ 223.9020, 15.3313,
-17.4541

■ 29.5970, 34.7087,
-25.9566

■ 248.7210, 3.0955,
-12.9103

■ 12.1860, 31.4603,
-10.6871

■ 8.2760, 21.5559,
-7.2581

■ 4.5940, 12.5252,

-4.0289

■ 0.0000, 0.0000,
0.0000

■ 120.9370, 42.4291,
-28.8857

■ 120.9370, 42.4291,
-28.8857

■ 105.8530, 49.8655,
-34.0741

■ 136.0210, 34.9926,
-23.6974

■ 91.0680, 57.1545,
-38.6476

■ 150.8060, 27.7036,
-19.1239

■ 75.9840, 64.5909,
-43.8360

■ 165.8900, 20.2672,
-13.9355

■ 60.9000, 72.0273,
-49.0243

■ 180.9740, 12.8308,
-8.7472

■ 57.0570, 73.9219,
-50.0390

■ 196.0580, 5.3944,
-3.5589

■ 210.8430, -1.8946,
1.0147

■ 225.9270, -9.3310,
6.2030

■ 241.0110,
-16.7674, 11.3914

■ 249.5280,
-20.9663, 4.7989

Harmonies

Analogous

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



102.8430, 51.3494, -90.1933



120.9370, 42.4291, -28.8857



128.0810, 27.5681, 24.4850

Triad

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



120.9370, 42.4291, -28.8857



122.2300, -28.7074, 61.1883



96.1560, 2.8811, -84.3288

Complementary

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



120.9370, 42.4291, -28.8857



174.0630, -42.4291, 28.8857

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.



111.0860, -24.1994, -31.6474



120.9370, 42.4291, -28.8857



120.6450, -41.7300, 38.0223

Square

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



120.9370, 42.4291, -28.8857



122.9210, -9.8211, 70.2293



116.9740, -40.9062, 7.0388



101.8730, 22.2476, -89.3426

Rectangle

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



120.9370, 42.4291, -28.8857



126.9610, 16.2882, 49.1462



116.9740, -40.9062, 7.0388



95.1690, -3.5343, -79.9552

Sweetspot

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



120.9370, 42.4291, -28.8857



223.9460, 15.3096, -10.4766



167.5430, 2.6903, -69.7592



109.0730, 9.3310, -6.2030



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.



120.9370, 42.4291, -28.8857



127.8270, 62.6963, -42.8213



109.3400, 48.1464, 4.0868



97.0150, 3.9366, -2.6442



46.7410, 59.7807, -40.9919



11.1310, 14.7254, -9.7619

Inverse Universe

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



127.3430, -3.1271, 69.8592



137.2100, -4.5405, 103.3018



185.6600, -48.1464, -4.0868



97.6310, -0.3111, 6.4626



55.5900, -4.2349, 98.5836



13.5130, -1.2389, 24.1061

Previews

White Background



This preview shows how the YUV color 120.9370, 42.4291, -28.8857 looks on a white background.

Color Contrast Check

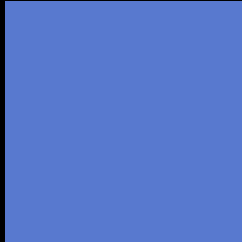
Large Text (above 18pt) WCAG AA ✓ Pass

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 120.9370, 42.4291, -28.8857 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

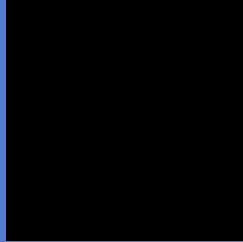
Any Text WCAG AA ✓ Pass

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 120.9370, 42.4291, -28.8857 Background



This preview shows how black text looks on a background with the YUV color 120.9370, 42.4291, -28.8857.

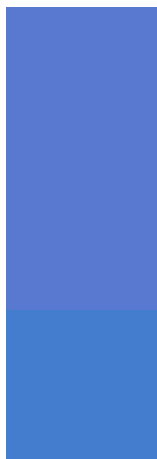


This preview shows how white text looks on a background with the YUV color 120.9370, 42.4291, -28.8857.

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

120.9370, 42.4291, -28.8857

Protanopia

120.9370, 42.4291, -28.8857

Deuteranopia

117.4900, 43.6354, -42.5257



Tritanopia

114.0250, 15.2707, -44.7489

Trichromacy



Original Color

120.9370, 42.4291, -28.8857

Protanomaly

120.9370, 42.4291, -28.8857

Deuteranomaly

118.9960, 42.8930, -37.7075

Tritanomaly

116.4030, 25.4373, -38.9414

Monochromacy



Original Color

120.9370, 42.4291, -28.8857

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

120.9460, 15.3096, -10.4766

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.9370, 42.4291, -28.8857 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, 121, 207)` looks like.

```
.text, #text, p{  
    color:rgb(88, 121, 207)  
}
```

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, 121, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 121, 207) }
```

Border

The CSS property to change the border of an element to YUV 120.9370, 42.4291, -28.8857 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, 121, 207) }
```


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

```
.border{ border-color:rgb(88, 121, 207) }
```

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

Here you see how a box with a 4 pixel rgb(88, 121, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 121, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 121, 207);  
box-shadow:4px 4px 4px 4px rgb(88, 121,  
207) }
```

Background

The CSS property to change the background color of an element to YUV 120.9370, 42.4291, -28.8857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 121, 207) }
```

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

```
.background{ background-color: rgb(88, 121,  
207) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor