

Converting Colors

YUV(123.2930, 35.8446,
-16.9200)

Have a look what the booklet for
YUV(123.2930, 35.8446, -16.9200)
contains.

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Color

**YUV(123.2930, 35.8446,
-16.9200)**

Conversions

Conversions Part 1

Format	Color
Hex	6877C4
RGB	104, 119, 196
RGB Percent	41%, 47%, 77%
CMY	0.5922, 0.5333, 0.2314
CMYK	0.47, 0.39, 0.00, 0.23
HSL	230°, 44%, 59%
HSV	230°, 47%, 77%
XYZ	22.2696, 20.1222, 54.9348
YIQ	123.2930, -33.6570, 20.7670

Conversions

Conversions Part 2

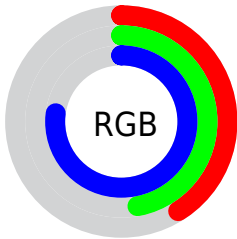
Format	Color
RYB	104, 117, 196
Decimal	6846404
CIELab	51.98, 15.25, -42.02
CIElCh	52, 44.701, 289.944
Yxy	20.1222, 0.2288, 0.2067
Android (android.graphics.Color)	4285036484 (0xFF6877C4)
YUV	123.2930, 35.8446, -16.9200
Hunter-Lab	44.8578, 10.1147, -41.2086

Details

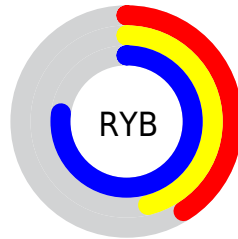
The YUV color **123.2930, 35.8446, -16.9200** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **176.7070, -35.8446, 16.9200**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.7600, 37.5863, -15.5755**, and **72.2170, 34.4030, -21.2383** is the 20% darker color. If you saturate the color by 10%, you get **107.9210, 43.4229, -20.9787**, and if you desaturate by 10%, it is **138.6650, 28.2662, -12.8612**.

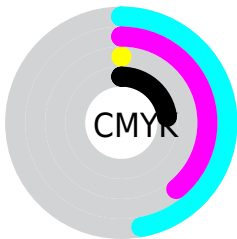
Distribution



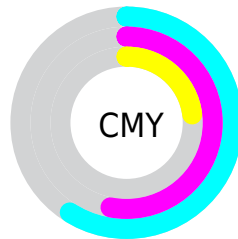
- Red (41%)
- Green (47%)
- Blue (77%)



- Red (41%)
- Yellow (46%)
- Blue (77%)



- Cyan (47%)
- Magenta (39%)
- Yellow (0%)
- Black (23%)



- Cyan (59%)
- Magenta (53%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.2930, 35.8446, -16.9200 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 123.2930, 35.8446, -16.9200 by changing the saturation by 10% instead.

■ 123.2930, 35.8446,
-16.9200

■ 123.2930, 35.8446,
-16.9200

■ 255.0000, 0.0000,
0.0000

■ 97.0540, 34.9764,
-18.4644

■ 176.7600, 37.5863,
-15.5755

■ 72.2170, 34.4030,
-21.2383

■ 201.5080, 26.3716,
-11.8465

■ 44.9770, 35.0143,
-30.6748

■ 226.6150, 13.9938,
-8.4324

■ 27.3970, 31.3563,
-24.0272

■ 252.3090, 1.3267,
-5.5330

■ 8.8120, 28.6867,
-7.7281

■ 6.7770, 18.3509,
-5.9434

■ 3.0950, 9.3202,

-2.7143

■ 0.0000, 0.0000,
0.0000

■ 123.2930, 35.8446,
-16.9200

■ 123.2930, 35.8446,
-16.9200

■ 107.9210, 43.4229,
-20.9787

■ 138.6650, 28.2662,
-12.8612

■ 92.2610, 51.1433,
-23.9079

■ 154.3250, 20.5458,
-9.9320

■ 76.8890, 58.7217,
-27.9667

■ 169.6970, 12.9674,
-5.8733

■ 61.2290, 66.4421,
-30.8958

■ 185.3570, 5.2470,
-2.9441

■ 45.8570, 74.0205,
-34.9546

■ 200.7290, -2.3314,
1.1147

■ 41.1280, 76.3519,
-36.0693

■ 216.1010, -9.9098,
5.1734

■ 231.7610,
-17.6302, 8.1026

■ 245.3390,
-24.3241, 8.4727

■ 248.2740,
-25.7711, 5.8987

Harmonies

Analogous

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



100.1700, 48.7232, -87.8491



123.2930, 35.8446, -16.9200



127.5390, 22.9053, 26.7143

Triad

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



123.2930, 35.8446, -16.9200



122.7020, -27.9541, 52.8813



95.7800, 6.5175, -83.9991

Complementary

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



123.2930, 35.8446, -16.9200



176.7070, -35.8446, 16.9200

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.



111.7530, -19.1052, -32.2324



123.2930, 35.8446, -16.9200



120.5670, -36.7615, 31.0747

Square

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



123.2930, 35.8446, -16.9200



123.7090, -11.6885, 62.5222



117.9610, -34.4908, 2.6652



100.9270, 23.7000, -88.5130

Rectangle

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



123.2930, 35.8446, -16.9200



126.7990, 11.9311, 46.6573



117.9610, -34.4908, 2.6652



100.5880, -2.2619, -68.0447

Sweetspot

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



123.2930, 35.8446, -16.9200



226.6260, 13.9884, -6.6880



166.7820, 7.0095, -55.0598



110.2690, 8.7414, -3.7439



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.



123.2930, 35.8446, -16.9200



141.8030, 55.8061, -26.1372



123.7570, 35.6158, 9.8601



89.3140, 3.7892, -2.0294



33.6160, 62.8003, -29.4812



6.6970, 12.9674, -5.8733

Inverse Universe

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



133.2180, -7.0095, 55.0598



157.3790, -11.0328, 85.6136



176.2430, -35.6158, -9.8601



90.2180, -0.6005, 5.9478



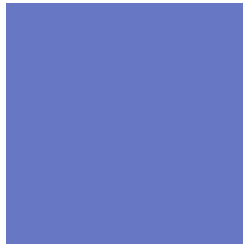
51.1030, -12.3758, 96.3797



10.4370, -2.6804, 19.7878

Previews

White Background



This preview shows how the YUV color 123.2930, 35.8446, -16.9200 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 123.2930, 35.8446, -16.9200 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 123.2930, 35.8446, -16.9200

Background



This preview shows how black text looks on a background with the YUV color 123.2930, 35.8446, -16.9200.



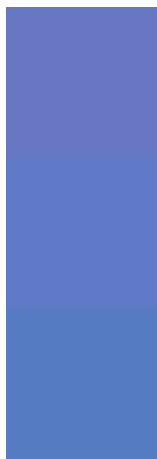
This preview shows how white text looks on a background with the YUV color 123.2930, 35.8446, -16.9200.

-16.9200.

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

123.2930, 35.8446, -16.9200

Protanopia

121.7050, 37.6134, -24.2973

Deuteranopia

120.4330, 36.7615, -31.0747



Tritanopia

119.2830, 10.7065, -27.4352

Trichromacy



Original Color

123.2930, 35.8446, -16.9200

Protanomaly

122.2000, 36.8764, -21.2234

Deuteranomaly

121.3520, 36.3085, -25.7417

Tritanomaly

121.0090, 19.7156, -23.6869

Monochromacy



Original Color

123.2930, 35.8446, -16.9200

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

123.3980, 13.1148, -6.4880

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.2930, 35.8446, -16.9200 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(104, 119, 196)` looks like.

```
.text, #text, p{  
    color:rgb(104, 119, 196)  
}
```

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(104, 119, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 119, 196) }
```

Border

The CSS property to change the border of an element to YUV 123.2930, 35.8446, -16.9200 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(104, 119, 196) }
```


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

```
.border{ border-color:rgb(104, 119, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 119, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 119, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 119, 196);  
box-shadow:4px 4px 4px 4px rgb(104, 119,  
196) }
```

Background

The CSS property to change the background color of an element to YUV 123.2930, 35.8446, -16.9200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 119, 196) }
```

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

```
.background{ background-color: rgb(104,  
119, 196) }
```

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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