

Converting Colors

YUV(123.3280, 42.7293,
-31.8597)

Have a look what the booklet for
YUV(123.3280, 42.7293, -31.8597)
contains.

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Color

**YUV(123.3280, 42.7293,
-31.8597)**

Conversions

Conversions Part 1

Format	Color
Hex	577DD2
RGB	87, 125, 210
RGB Percent	34%, 49%, 82%
CMY	0.6588, 0.5098, 0.1765
CMYK	0.59, 0.40, 0.00, 0.18
HSL	221°, 58%, 58%
HSV	221°, 59%, 82%
XYZ	22.8970, 21.3466, 63.8863
YIQ	123.3280, -49.9330, 18.3790

Conversions

Conversions Part 2

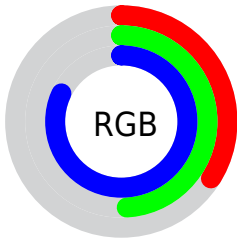
Format	Color
R _Y B	87, 116, 210
Decimal	5733842
CIE Lab	53.33, 12.29, -47.91
CIE LCh	53, 49.457, 284.388
Yxy	21.3466, 0.2118, 0.1974
Android (android.graphics.Color)	4283923922 (0xFF577DD2)
YUV	123.3280, 42.7293, -31.8597
Hunter-Lab	46.2024, 7.6067, -49.6415

Details

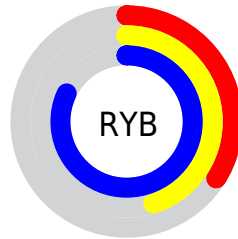
The YUV color **123.3280, 42.7293, -31.8597** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle muted azure. A complement of this color would be **173.6720, -42.7293, 31.8597**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.3240, 38.7873, -27.4711**, and **65.5600, 44.0939, -49.6031** is the 20% darker color. If you saturate the color by 10%, you get **108.2440, 50.1657, -37.0480**, and if you desaturate by 10%, it is **138.4120, 35.2929, -26.6713**.

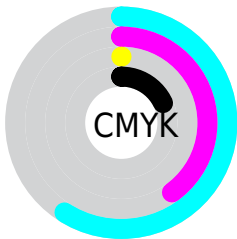
Distribution



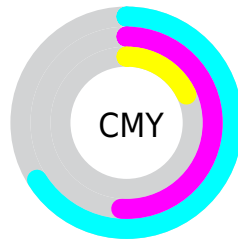
- Red (34%)
- Green (49%)
- Blue (82%)



- Red (34%)
- Yellow (45%)
- Blue (82%)



- Cyan (59%)
- Magenta (40%)
- Yellow (0%)
- Black (18%)



- Cyan (66%)
- Magenta (51%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.3280, 42.7293, -31.8597 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 123.3280, 42.7293, -31.8597 by changing the saturation by 10% instead.

■ 123.3280, 42.7293,
-31.8597

■ 123.3280, 42.7293,
-31.8597

255.0000, 0.0000,
0.0000

■ 95.8930, 42.4508,
-35.8632

■ 176.3240, 38.7873,
-27.4711

■ 65.5600, 44.0939,
-49.6031

■ 201.4310, 26.4095,
-24.0570

■ 46.8770, 39.9936,
-41.1111

■ 226.8370, 13.8844,
-20.0280

■ 31.7000, 35.1509,
-27.8009

■ 248.4220, 3.2430,
-13.5251

■ 15.9360, 30.5976,
-13.9759

■ 9.2050, 22.5769,
-8.0728

■ 4.8220, 13.3988,

-4.2289

■ 0.5700, 2.1840,
-0.4999

■ 0.0000, 0.0000,
0.0000

■ 123.3280, 42.7293,
-31.8597

■ 123.3280, 42.7293,
-31.8597

■ 108.2440, 50.1657,
-37.0480

■ 138.4120, 35.2929,
-26.6713

■ 93.7470, 57.3127,
-42.7511

■ 152.9090, 28.1459,
-20.9682

■ 78.6630, 64.7491,
-47.9395

■ 167.9930, 20.7095,
-15.7799

■ 64.1660, 71.8962,
-53.6426

■ 182.4900, 13.5624,
-10.0767

■ 62.0950, 72.9172,
-54.4573

■ 197.5740, 6.1260,
-4.8884

■ 212.0710, -1.0210,
0.8147

■ 227.1550, -8.4574,
6.0031

■ 241.6520,
-15.6044, 11.7062

■ 249.8700,
-19.6559, 4.4990

Harmonies

Analogous

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



104.8320, 51.3548, -91.9377



123.3280, 42.7293, -31.8597



130.9990, 28.5945, 21.9259

Triad

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



123.3280, 42.7293, -31.8597



125.8710, -27.5444, 61.5031



98.0310, 2.4497, -85.9732

Complementary

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



123.3280, 42.7293, -31.8597



173.6720, -42.7293, 31.8597

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.



114.7660, -25.5206, -27.8588



123.3280, 42.7293, -31.8597



123.9980, -40.4250, 39.4668

Square

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



123.3280, 42.7293, -31.8597



126.2630, -8.5107, 69.9293



120.9850, -40.9116, 8.7832



103.6340, 21.3794, -90.8870

Rectangle

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



123.3280, 42.7293, -31.8597



130.1780, 17.1672, 47.2019



120.9850, -40.9116, 8.7832



103.9320, -7.3615, -65.7154

Sweetspot

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



123.3280, 42.7293, -31.8597



222.4620, 16.0412, -11.8062



168.7770, 1.0959, -71.7184



107.5890, 10.0626, -7.5326



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.



123.3280, 42.7293, -31.8597



129.5770, 61.8335, -46.1100



107.8990, 50.3358, 1.8426



97.0150, 3.9366, -2.6442



49.6760, 58.3337, -43.5659



12.3050, 14.1466, -10.7915

Inverse Universe

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



128.1090, -1.5327, 71.8184



136.4920, -2.2146, 103.9315



189.1010, -50.3358, -1.8426



97.6310, -0.3111, 6.4626



56.1600, -2.0509, 98.0837



13.7410, -0.3653, 23.9061

Previews

White Background



This preview shows how the YUV color 123.3280, 42.7293, -31.8597 looks on a white background.

Color Contrast Check

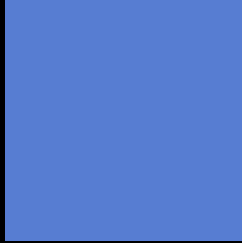
Large Text (above 18pt) WCAG AA ✓ Pass

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 123.3280, 42.7293, -31.8597 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

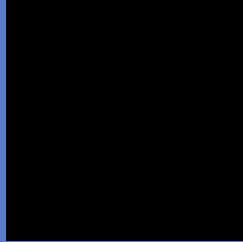
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 123.3280, 42.7293, -31.8597

Background



This preview shows how black text looks on a background with the YUV color 123.3280, 42.7293, -31.8597.

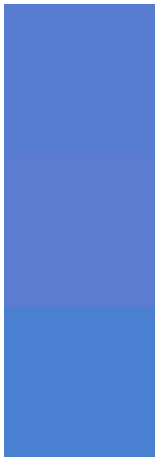


This preview shows how white text looks on a background with the YUV color 123.3280, 42.7293, -31.8597.

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

123.3280, 42.7293, -31.8597

Protanopia

124.1220, 41.8449, -28.1710

Deuteranopia

121.0880, 43.3406, -41.2962



Tritanopia

116.2310, 16.1551, -48.4376

Trichromacy



Original Color

123.3280, 42.7293, -31.8597

Protanomaly

123.5240, 42.1397, -29.4005

Deuteranomaly

121.9960, 42.8930, -37.7075

Tritanomaly

118.4950, 25.8850, -42.5301

Monochromacy



Original Color

123.3280, 42.7293, -31.8597

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

123.3480, 15.6044, -11.7062

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.3280, 42.7293, -31.8597 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, 125, 210)` looks like.

```
.text, #text, p{  
    color:rgb(87, 125, 210)  
}
```

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, 125, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 125, 210) }
```

Border

The CSS property to change the border of an element to YUV 123.3280, 42.7293, -31.8597 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, 125, 210) }
```


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

```
.border{ border-color:rgb(87, 125, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 125, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 125, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 125, 210);  
box-shadow:4px 4px 4px 4px rgb(87, 125,  
210) }
```

Background

The CSS property to change the background color of an element to YUV 123.3280, 42.7293, -31.8597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 125, 210) }
```

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

```
.background{ background-color: rgb(87, 125,  
210) }
```

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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