

Converting Colors

YUV(127.0720, 44.3345,
-33.3891)

Have a look what the booklet for
YUV(127.0720, 44.3345, -33.3891)
contains.

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Color

**YUV(127.0720, 44.3345,
-33.3891)**

Conversions

Conversions Part 1

Format	Color
Hex	5981D9
RGB	89, 129, 217
RGB Percent	35%, 51%, 85%
CMY	0.6510, 0.4941, 0.1490
CMYK	0.59, 0.41, 0.00, 0.15
HSL	221°, 63%, 60%
HSV	221°, 59%, 85%
XYZ	24.4945, 22.8341, 68.7621
YIQ	127.0720, -52.0880, 18.8880

Conversions

Conversions Part 2

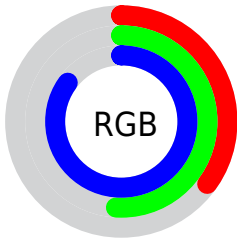
Format	Color
R _Y B	89, 119, 217
Decimal	5865945
CIE Lab	54.90, 12.58, -49.35
CIE LCh	55, 50.925, 284.299
Yxy	22.8341, 0.2110, 0.1967
Android (android.graphics.Color)	4284056025 (0xFF5981D9)
YUV	127.0720, 44.3345, -33.3891
Hunter-Lab	47.7851, 7.8747, -51.8680

Details

The YUV color **127.0720, 44.3345, -33.3891** 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 **178.9280, -44.3345, 33.3891**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.5690, 37.1875, -27.6860**, and **68.0050, 45.8465, -51.7474** is the 20% darker color. If you saturate the color by 10%, you get **111.6890, 51.9183, -39.1923**, and if you desaturate by 10%, it is **142.4550, 36.7507, -27.5860**.

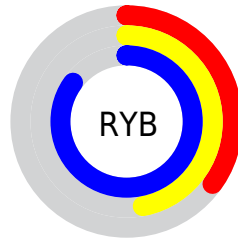
Distribution



Red (35%)

Green (51%)

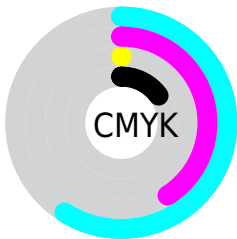
Blue (85%)



Red (35%)

Yellow (47%)

Blue (85%)

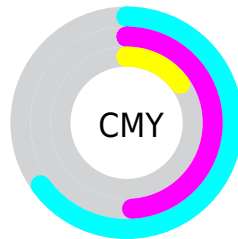


Cyan (59%)

Magenta (41%)

Yellow (0%)

Black (15%)



Cyan (65%)

Magenta (49%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.0720, 44.3345, -33.3891 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 127.0720, 44.3345, -33.3891 by changing the saturation by 10% instead.

■ 127.0720, 44.3345,
-33.3891

■ 127.0720, 44.3345,
-33.3891

255.0000, 0.0000,
0.0000

■ 99.6370, 44.0560,
-37.3926

■ 179.5690, 37.1875,
-27.6860

■ 68.0050, 45.8465,
-51.7474

■ 204.6760, 24.8097,
-24.2719

■ 49.4360, 42.1831,
-43.3554

■ 230.0820, 12.2846,
-20.2429

■ 34.1450, 36.9035,
-29.9452

■ 249.3190, 2.8007,
-11.6808

■ 19.5550, 31.7714,
-17.1497

■ 10.3620, 24.4715,
-9.0875

■ 5.5060, 16.0195,

-4.8288

■ 2.1830, 5.8258,
-1.9145

■ 0.0000, 0.0000,
0.0000

■ 127.0720, 44.3345,
-33.3891

■ 127.0720, 44.3345,
-33.3891

■ 111.6890, 51.9183,
-39.1923

■ 142.4550, 36.7507,
-27.5860

■ 96.6050, 59.3547,
-44.3806

■ 157.5390, 29.3143,
-22.3977

■ 81.2220, 66.9386,
-50.1837

■ 172.9220, 21.7305,
-16.5946

■ 65.8390, 74.5224,
-55.9868

■ 188.3050, 14.1466,
-10.7915

■ 64.6540, 75.1066,
-56.7016

■ 203.6880, 6.5628,
-4.9884

■ 218.7720, -0.8736,
0.2000

■ 233.5680, -8.1680,
6.5179

■ 246.5590,
-14.5726, 7.4028

■ 250.6680,
-16.5983, 3.7992

Harmonies

Analogous

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



108.5650, 52.9655, -95.2115



127.0720, 44.3345, -33.3891



135.5260, 29.3207, 22.3407

Triad

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



127.0720, 44.3345, -33.3891



129.6540, -28.4234, 63.4474



100.7210, 2.6025, -88.3323

Complementary

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



127.0720, 44.3345, -33.3891



178.9280, -44.3345, 33.3891

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.



118.5270, -26.3888, -29.4032



127.0720, 44.3345, -33.3891



127.9550, -41.8828, 40.3815

Square

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



127.0720, 44.3345, -33.3891



130.1600, -8.9529, 71.7737



124.5290, -42.6588, 9.1831



107.1390, 22.1165, -93.9609

Rectangle

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



127.0720, 44.3345, -33.3891



134.3030, 17.5986, 48.8463



124.5290, -42.6588, 9.1831



107.0950, -7.9348, -68.4893

Sweetspot

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



127.0720, 44.3345, -33.3891



222.4620, 16.0412, -11.8062



174.0540, 0.9594, -74.5924



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.



127.0720, 44.3345, -33.3891



128.0930, 62.5652, -47.4396



110.4690, 52.5198, 1.3427



102.0150, 3.9366, -2.6442



51.4200, 59.9389, -45.0953



13.4620, 16.0412, -11.8062

Inverse Universe

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



131.8320, -1.3962, 74.6923



134.6170, -1.7832, 105.5759



195.5310, -52.5198, -1.3427



102.6310, -0.3111, 6.4626



57.8830, -1.9143, 100.9576



15.3500, -0.6655, 26.8800

Previews

White Background



This preview shows how the YUV color 127.0720, 44.3345, -33.3891 looks on a white background.

Color Contrast Check

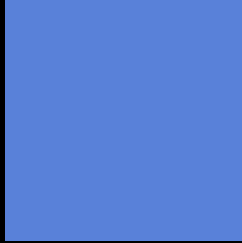
Large Text (above 18pt) WCAG AA ✓ Pass

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 127.0720, 44.3345, -33.3891 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 127.0720, 44.3345, -33.3891 Background



This preview shows how black text looks on a background with the YUV color 127.0720, 44.3345, -33.3891.

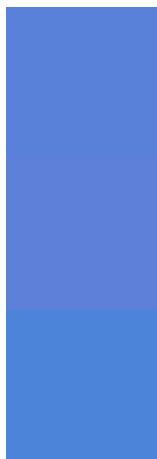


This preview shows how white text looks on a background with the YUV color 127.0720, 44.3345, -33.3891.

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

127.0720, 44.3345, -33.3891

Protanopia

128.1650, 43.3027, -29.0857

Deuteranopia

124.5330, 45.0932, -43.4404



Tritanopia

119.4480, 17.0341, -50.3819

Trichromacy



Original Color

127.0720, 44.3345, -33.3891

Protanomaly

127.5670, 43.5975, -30.3153

Deuteranomaly

125.4410, 44.6456, -39.8518

Tritanomaly

122.1250, 27.0534, -43.9596

Monochromacy



Original Color

127.0720, 44.3345, -33.3891

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

127.1630, 16.1886, -12.4210

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.0720, 44.3345, -33.3891 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(89, 129, 217)` looks like.

```
.text, #text, p{  
    color:rgb(89, 129, 217)  
}
```

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(89, 129, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 129, 217) }
```

Border

The CSS property to change the border of an element to YUV 127.0720, 44.3345, -33.3891 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(89, 129, 217) }
```


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

```
.border{ border-color:rgb(89, 129, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 129, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 129, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 129, 217);  
box-shadow:4px 4px 4px 4px rgb(89, 129,  
217) }
```

Background

The CSS property to change the background color of an element to YUV 127.0720, 44.3345, -33.3891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 129, 217) }
```

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

```
.background{ background-color: rgb(89, 129,  
217) }
```

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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