

Converting Colors

YUV(127.2470, 38.8252,
-39.6816)

Have a look what the booklet for
YUV(127.2470, 38.8252, -39.6816)
contains.

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Color

**YUV(127.2470, 38.8252,
-39.6816)**

Conversions

Conversions Part 1

Format	Color
Hex	5287CE
RGB	82, 135, 206
RGB Percent	32%, 53%, 81%
CMY	0.6784, 0.4706, 0.1922
CMYK	0.60, 0.34, 0.00, 0.19
HSL	214°, 56%, 56%
HSV	214°, 60%, 81%
XYZ	23.2842, 23.5780, 61.7163
YIQ	127.2470, -54.3790, 10.8450

Conversions

Conversions Part 2

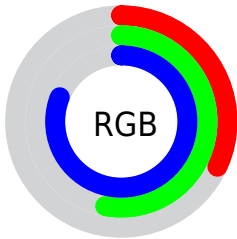
Format	Color
RYP	82, 119, 206
Decimal	5408718
CIELab	55.66, 3.96, -41.96
CIElCh	56, 42.148, 275.398
Yxy	23.5780, 0.2144, 0.2172
Android (android.graphics.Color)	4283598798 (0xFF5287CE)
YUV	127.2470, 38.8252, -39.6816
Hunter-Lab	48.5572, 0.6195, -41.3677

Details

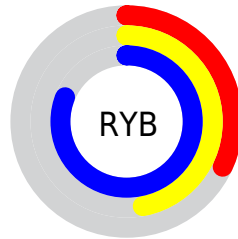
The YUV color **127.2470, 38.8252, -39.6816** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **160.7530, -38.8252, 39.6816**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.5850, 36.1936, -35.5930**, and **67.6960, 41.0689, -59.3694** is the 20% darker color. If you saturate the color by 10%, you get **113.9240, 45.3935, -46.4143**, and if you desaturate by 10%, it is **140.5700, 32.2570, -32.9489**.

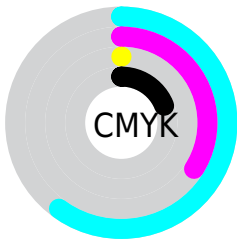
Distribution



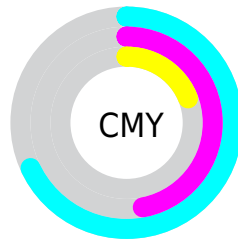
- Red (32%)
- Green (53%)
- Blue (81%)



- Red (32%)
- Yellow (47%)
- Blue (81%)



- Cyan (60%)
- Magenta (34%)
- Yellow (0%)
- Black (19%)



- Cyan (68%)
- Magenta (47%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.2470, 38.8252, -39.6816 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 127.2470, 38.8252, -39.6816 by changing the saturation by 10% instead.

■ 127.2470, 38.8252,
-39.6816

■ 127.2470, 38.8252,
-39.6816

255.0000, 0.0000,
0.0000

■ 99.8120, 38.5467,
-43.6851

■ 181.5850, 36.1936,
-35.5930

■ 67.6960, 41.0689,
-59.3694

■ 206.6920, 23.8158,
-32.1789

■ 51.2310, 36.3681,
-44.9296

■ 231.7990, 11.4381,
-28.7647

■ 36.0540, 31.5254,
-31.6194

■ 246.9270, 3.9800,
-16.5990

■ 21.4640, 26.3932,
-18.8239

■ 8.2760, 21.5559,
-7.2581

■ 4.5940, 12.5252,

-4.0289

■ 0.0000, 0.0000,
0.0000

■ 127.2470, 38.8252,
-39.6816

■ 127.2470, 38.8252,
-39.6816

■ 113.9240, 45.3935,
-46.4143

■ 140.5700, 32.2570,
-32.9489

■ 100.9000, 51.8143,
-52.5323

■ 153.5940, 25.8362,
-26.8309

■ 88.1640, 58.0931,
-59.7798

■ 166.3300, 19.5573,
-19.5834

■ 75.1400, 64.5140,
-65.8978

■ 179.3540, 13.1365,
-13.4655

■ 192.6770, 6.5682,
-6.7327

■ 206.0000, 0.0000,
0.0000

■ 219.0240, -6.4208,
6.1180

■ 231.7600,
-12.6997, 13.3655

■ 241.1960,
-17.3516, 12.1061

Harmonies

Analogous

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



107.8010, 44.9611, -94.5415



127.2470, 38.8252, -39.6816



136.3840, 27.9117, 7.5562

Triad

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



127.2470, 38.8252, -39.6816



133.4990, -19.9660, 57.4444



117.6180, -7.6997, -50.5310

Complementary

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



127.2470, 38.8252, -39.6816



160.7530, -38.8252, 39.6816

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.



124.9250, -26.5850, -13.0892



127.2470, 38.8252, -39.6816



131.5990, -31.8473, 41.5707

Square

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



127.2470, 38.8252, -39.6816



134.5650, -3.2365, 58.2635



129.2340, -35.1184, 17.3348



105.0700, 16.7275, -92.1464

Rectangle

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



127.2470, 38.8252, -39.6816



137.4210, 18.5264, 31.2028



129.2340, -35.1184, 17.3348



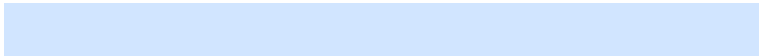
120.7570, -15.1632, -36.6209

Sweetspot

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



127.2470, 38.8252, -39.6816



225.9840, 14.3049, -14.8950



162.7680, -5.3086, -70.8335



109.3500, 9.1945, -9.0769



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.



127.2470, 38.8252, -39.6816



138.3490, 57.5089, -59.0651



98.5280, 52.9837, -7.4791



95.4880, 3.2104, -3.0590



60.6010, 51.9617, -53.1471



13.7240, 11.9681, -12.0359

Inverse Universe

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



125.1180, 4.8718, 70.9335



135.0220, 7.3842, 105.2207



189.4720, -52.9837, 7.4791



95.4460, 0.2731, 5.7479



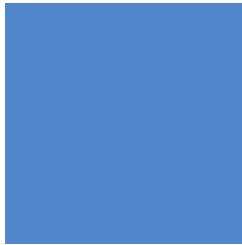
57.7280, 6.5431, 94.9545



13.1860, 1.3873, 21.7619

Previews

White Background



This preview shows how the YUV color 127.2470, 38.8252, -39.6816 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 127.2470, 38.8252, -39.6816 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

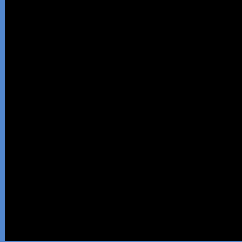
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 127.2470, 38.8252, -39.6816

Background



This preview shows how black text looks on a background with the YUV color 127.2470, 38.8252, -39.6816.



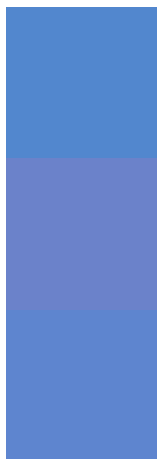
This preview shows how white text looks on a background with the YUV color 127.2470, 38.8252, -39.6816.

-39.6816.

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

127.2470, 38.8252, -39.6816

Protanopia

131.3310, 34.8398, -21.3383

Deuteranopia

129.7750, 38.0719, -31.3747



Tritanopia

120.9530, 17.7712, -53.4558

Trichromacy



Original Color

127.2470, 38.8252, -39.6816

Protanomaly

129.9280, 36.0245, -28.0009

Deuteranomaly

129.1660, 38.3722, -34.3486

Tritanomaly

123.0490, 25.6118, -48.2780

Monochromacy



Original Color

127.2470, 38.8252, -39.6816

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

127.2830, 14.1575, -14.2802

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.2470, 38.8252, -39.6816 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(82, 135, 206)` looks like.

```
.text, #text, p{  
    color:rgb(82, 135, 206)  
}
```

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(82, 135, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 135, 206) }
```

Border

The CSS property to change the border of an element to YUV 127.2470, 38.8252, -39.6816 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(82, 135, 206) }
```


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

```
.border{ border-color:rgb(82, 135, 206) }
```

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

Here you see how a box with a 4 pixel rgb(82, 135, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 135, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 135, 206);  
box-shadow:4px 4px 4px 4px rgb(82, 135,  
206) }
```

Background

The CSS property to change the background color of an element to YUV 127.2470, 38.8252, -39.6816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 135, 206) }
```

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

```
.background{ background-color: rgb(82, 135,  
206) }
```

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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