

Converting Colors

YUV(127.0810, 33.9771,
-24.6270)

Have a look what the booklet for
YUV(127.0810, 33.9771, -24.6270)
contains.

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Color

**YUV(127.0810, 33.9771,
-24.6270)**

Conversions

Conversions Part 1

Format	Color
Hex	6380C4
RGB	99, 128, 196
RGB Percent	39%, 50%, 77%
CMY	0.6118, 0.4980, 0.2314
CMYK	0.49, 0.35, 0.00, 0.23
HSL	222°, 45%, 58%
HSV	222°, 49%, 77%
XYZ	22.8286, 22.0765, 55.2826
YIQ	127.0810, -39.1120, 15.0000

Conversions

Conversions Part 2

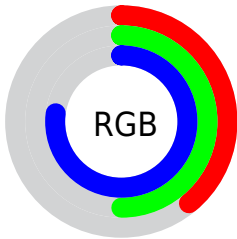
Format	Color
RYB	99, 121, 196
Decimal	6521028
CIELab	54.11, 8.61, -38.68
CIElCh	54, 39.624, 282.552
Yxy	22.0765, 0.2279, 0.2204
Android (android.graphics.Color)	4284711108 (0xFF6380C4)
YUV	127.0810, 33.9771, -24.6270
Hunter-Lab	46.9857, 4.5016, -36.8697

Details

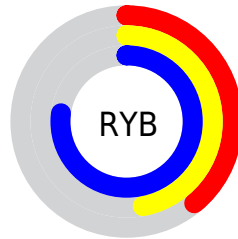
The YUV color **127.0810, 33.9771, -24.6270** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **167.9190, -33.9771, 24.6270**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.4340, 35.2820, -23.1826**, and **74.8200, 33.1197, -29.6601** is the 20% darker color. If you saturate the color by 10%, you get **112.8830, 40.9767, -29.7154**, and if you desaturate by 10%, it is **141.2790, 26.9775, -19.5387**.

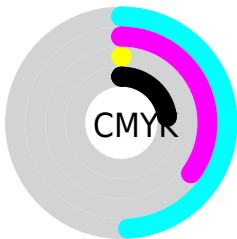
Distribution



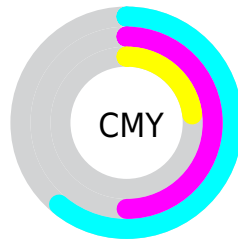
- Red (39%)
- Green (50%)
- Blue (77%)



- Red (39%)
- Yellow (47%)
- Blue (77%)



- Cyan (49%)
- Magenta (35%)
- Yellow (0%)
- Black (23%)



- Cyan (61%)
- Magenta (50%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.0810, 33.9771, -24.6270 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 127.0810, 33.9771, -24.6270 by changing the saturation by 10% instead.

■ 127.0810, 33.9771,
-24.6270

■ 127.0810, 33.9771,
-24.6270

■ 255.0000, 0.0000,
0.0000

■ 100.9560, 33.5457,
-26.2714

■ 181.4340, 35.2820,
-23.1826

■ 74.8200, 33.1197,
-29.6601

■ 205.8830, 24.2147,
-20.0684

■ 46.6830, 34.1733,
-40.9410

■ 230.9900, 11.8369,
-16.6542

■ 31.5060, 29.3305,
-27.6308

■ 250.8140, 2.0637,
-8.6069

■ 15.8560, 25.2140,
-13.9057

■ 6.7770, 18.3509,
-5.9434

■ 3.2090, 9.7570,

-2.8143

■ 0.0000, 0.0000,
0.0000

■ 127.0810, 33.9771,
-24.6270

■ 127.0810, 33.9771,
-24.6270

■ 112.8830, 40.9767,
-29.7154

■ 141.2790, 26.9775,
-19.5387

■ 99.5710, 47.5395,
-34.7038

■ 154.5910, 20.4146,
-14.5503

■ 85.3730, 54.5391,
-39.7921

■ 168.7890, 13.4150,
-9.4620

■ 71.4740, 61.3913,
-44.2657

■ 182.6880, 6.5628,
-4.9884

■ 57.2760, 68.3909,
-49.3541

■ 196.8860, -0.4368,
0.1000

■ 56.9770, 68.5383,
-49.9688

■ 210.4970, -7.1470,
5.7031

■ 224.3960,
-13.9992, 10.1767

■ 238.2950,
-20.8514, 14.6503

■ 246.5130,
-24.9029, 7.4431

Harmonies

Analogous

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



103.7090, 44.5135, -90.9528



127.0810, 33.9771, -24.6270



133.1740, 23.0852, 15.6334

Triad

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



127.0810, 33.9771, -24.6270



129.2980, -21.8389, 51.4817



111.4800, -1.7156, -56.5490

Complementary

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



127.0810, 33.9771, -24.6270



167.9190, -33.9771, 24.6270

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.



120.8470, -21.6166, -20.0368



127.0810, 33.9771, -24.6270



127.6690, -31.3888, 34.4933

Square

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



127.0810, 33.9771, -24.6270



130.5170, -7.1569, 55.6746



124.9880, -32.0391, 9.6575



102.5910, 19.9216, -89.9723

Rectangle

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



127.0810, 33.9771, -24.6270



133.1890, 13.7108, 35.7912



124.9880, -32.0391, 9.6575



115.6190, -9.1792, -42.6389

Sweetspot

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



127.0810, 33.9771, -24.6270



227.7890, 13.4150, -9.4620



163.6910, 1.6313, -56.7340



111.1440, 8.3100, -5.3883



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.



127.0810, 33.9771, -24.6270



148.5150, 52.4971, -38.1627



115.7390, 39.5687, 1.9829



89.9010, 3.4998, -2.5442



46.5300, 56.4337, -40.8068



9.6320, 11.5204, -8.4473

Inverse Universe

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



131.3090, -1.6313, 56.7340



154.9800, -2.4551, 87.7175



179.2610, -39.5687, -1.9829



90.3320, -0.1637, 5.8478



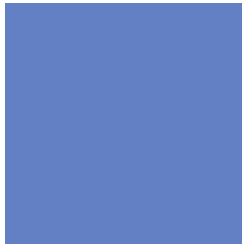
53.6110, -2.7662, 94.1802



11.0070, -0.4965, 19.2879

Previews

White Background



This preview shows how the YUV color 127.0810, 33.9771, -24.6270 looks on a white background.

Color Contrast Check

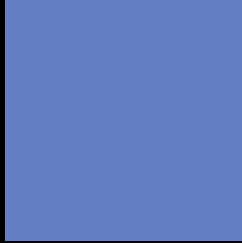
Large Text (above 18pt) WCAG AA ✓ Pass

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 127.0810, 33.9771, -24.6270 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 127.0810, 33.9771, -24.6270

Background



This preview shows how black text looks on a background with the YUV color 127.0810, 33.9771, -24.6270.



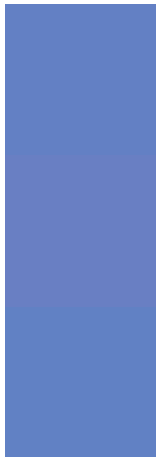
This preview shows how white text looks on a background with the YUV color 127.0810, 33.9771, -24.6270.

-24.6270.

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

127.0810, 33.9771, -24.6270

Protanopia

128.1740, 32.9452, -20.3236

Deuteranopia

127.0700, 33.9825, -26.3714



Tritanopia

123.1080, 12.7648, -34.2977

Trichromacy



Original Color

127.0810, 33.9771, -24.6270

Protanomaly

127.5760, 33.2400, -21.5532

Deuteranomaly

127.3690, 33.8351, -25.7566

Tritanomaly

124.1930, 20.6109, -30.8643

Monochromacy



Original Color

127.0810, 33.9771, -24.6270

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

126.8600, 12.3940, -8.6472

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.0810, 33.9771, -24.6270 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(99, 128, 196)` looks like.

```
.text, #text, p{  
    color:rgb(99, 128, 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(99, 128, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 128, 196) }
```

Border

The CSS property to change the border of an element to YUV 127.0810, 33.9771, -24.6270 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(99, 128, 196) }
```


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

```
.border{ border-color:rgb(99, 128, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 128, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 128, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 128, 196);  
box-shadow:4px 4px 4px 4px rgb(99, 128,  
196) }
```

Background

The CSS property to change the background color of an element to YUV 127.0810, 33.9771, -24.6270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 128, 196) }
```

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

```
.background{ background-color: rgb(99, 128,  
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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