

Converting Colors

YUV(127.0700, 33.9825,
-26.3714)

Have a look what the booklet for
YUV(127.0700, 33.9825, -26.3714)
contains.

YUV(127.0700, 33.9825, -26.3714)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(127.0700, 33.9825,
-26.3714)**

Conversions

Conversions Part 1

Format	Color
Hex	6181C4
RGB	97, 129, 196
RGB Percent	38%, 51%, 77%
CMY	0.6196, 0.4941, 0.2314
CMYK	0.51, 0.34, 0.00, 0.23
HSL	221°, 46%, 57%
HSV	221°, 51%, 77%
XYZ	22.7438, 22.2274, 55.3161
YIQ	127.0700, -40.5790, 14.0530

Conversions

Conversions Part 2

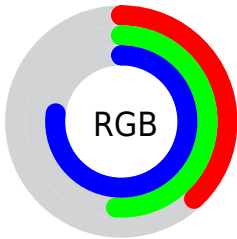
Format	Color
R_{YB}	97, 121, 196
Decimal	6390212
CIE Lab	54.27, 7.54, -38.43
CIE LCh	54, 39.167, 281.099
Yxy	22.2274, 0.2268, 0.2216
Android (android.graphics.Color)	4284580292 (0xFF6181C4)
YUV	127.0700, 33.9825, -26.3714
Hunter-Lab	47.1460, 3.6053, -36.5625

Details

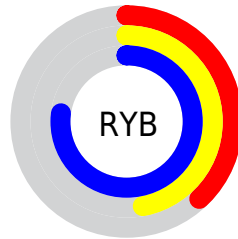
The YUV color **127.0700, 33.9825, -26.3714** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **165.9300, -33.9825, 26.3714**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.4230, 35.2875, -24.9270**, and **74.5100, 33.2726, -32.0193** is the 20% darker color. If you saturate the color by 10%, you get **113.4590, 40.6927, -31.9745**, and if you desaturate by 10%, it is **140.6810, 27.2723, -20.7682**.

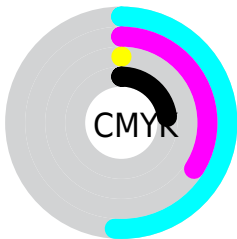
Distribution



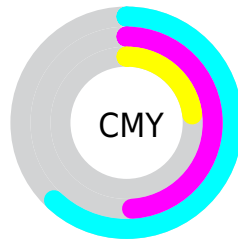
- Red (38%)
- Green (51%)
- Blue (77%)



- Red (38%)
- Yellow (47%)
- Blue (77%)



- Cyan (51%)
- Magenta (34%)
- Yellow (0%)
- Black (23%)



- Cyan (62%)
- Magenta (49%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.0700, 33.9825, -26.3714 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 127.0700, 33.9825, -26.3714 by changing the saturation by 10% instead.

■ 127.0700, 33.9825,
-26.3714

■ 127.0700, 33.9825,
-26.3714

■ 255.0000, 0.0000,
0.0000

■ 100.9450, 33.5511,
-28.0158

■ 181.4230, 35.2875,
-24.9270

■ 74.5100, 33.2726,
-32.0193

■ 205.8720, 24.2201,
-21.8127

■ 47.2700, 33.8839,
-41.4558

■ 230.9790, 11.8424,
-18.3986

■ 32.0930, 29.0412,
-28.1456

■ 250.2160, 2.3585,
-9.8364

■ 16.4430, 24.9246,
-14.4205

■ 6.7770, 18.3509,
-5.9434

■ 3.2090, 9.7570,

-2.8143

■ 0.0000, 0.0000,
0.0000

■ 127.0700, 33.9825,
-26.3714

■ 127.0700, 33.9825,
-26.3714

■ 113.4590, 40.6927,
-31.9745

■ 140.6810, 27.2723,
-20.7682

■ 99.5600, 47.5449,
-36.4481

■ 154.5800, 20.4201,
-16.2947

■ 85.9490, 54.2551,
-42.0513

■ 168.1910, 13.7098,
-10.6915

■ 72.6370, 60.8180,
-47.0396

■ 181.5030, 7.1470,
-5.7031

■ 59.3250, 67.3808,
-52.0280

■ 195.1140, 0.4368,
-0.1000

■ 209.3120, -6.5628,
4.9884

■ 222.6240,
-13.1256, 9.9768

■ 236.2350,
-19.8359, 15.5799

■ 244.1650,
-23.7453, 9.5023

Harmonies

Analogous

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



103.5950, 44.0767, -90.8528



127.0700, 33.9825, -26.3714



133.2770, 23.5274, 13.7891

Triad

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



127.0700, 33.9825, -26.3714



129.5260, -20.9653, 51.2817



113.4480, -3.1789, -53.8899

Complementary

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



127.0700, 33.9825, -26.3714



165.9300, -33.9825, 26.3714

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.



121.7440, -22.0588, -18.1925



127.0700, 33.9825, -26.3714



128.0820, -31.0994, 35.0081

Square

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



127.0700, 33.9825, -26.3714



131.3320, -6.5727, 54.9598



125.7000, -31.8971, 10.7871



102.4770, 19.4848, -89.8723

Rectangle

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



127.0700, 33.9825, -26.3714



133.7050, 14.4424, 34.4617



125.7000, -31.8971, 10.7871



116.7010, -10.2056, -40.0798

Sweetspot

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



127.0700, 33.9825, -26.3714



228.3760, 13.1256, -9.9768



162.6370, 0.1790, -57.5636



111.7310, 8.0206, -5.9031



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.



127.0700, 33.9825, -26.3714



146.7210, 53.3815, -41.8513



113.0700, 40.8845, -0.0614



89.9010, 3.4998, -2.5442



48.8780, 55.2761, -42.8660



10.2190, 11.2310, -8.9621

Inverse Universe

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



130.2490, -0.6158, 57.6636



151.4580, -0.7188, 90.8063



179.9300, -40.8845, 0.0614



90.3320, -0.1637, 5.8478



54.0670, -1.0190, 93.7802



11.1210, -0.0597, 19.1879

Previews

White Background



This preview shows how the YUV color 127.0700, 33.9825, -26.3714 looks on a white background.

Color Contrast Check

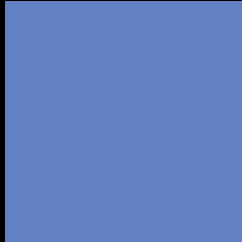
Large Text (above 18pt) WCAG AA ✓ Pass

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 127.0700, 33.9825, -26.3714 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 127.0700, 33.9825, -26.3714

Background



This preview shows how black text looks on a background with the YUV color 127.0700, 33.9825, -26.3714.

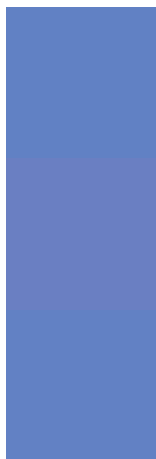


This preview shows how white text looks on a background with the YUV color 127.0700, 33.9825, -26.3714.

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

127.0700, 33.9825, -26.3714

Protanopia

128.3590, 32.3610, -19.6088

Deuteranopia

127.3690, 33.8351, -25.7566



Tritanopia

122.5100, 13.0596, -35.5273

Trichromacy



Original Color

127.0700, 33.9825, -26.3714

Protanomaly

128.1630, 32.9506, -22.0680

Deuteranomaly

127.3690, 33.8351, -25.7566

Tritanomaly

124.1820, 20.6163, -32.6086

Monochromacy



Original Color

127.0700, 33.9825, -26.3714

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

127.1480, 12.2520, -9.7768

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.0700, 33.9825, -26.3714 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(97, 129, 196)` looks like.

```
.text, #text, p{  
    color:rgb(97, 129, 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(97, 129, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 129, 196) }
```

Border

The CSS property to change the border of an element to YUV 127.0700, 33.9825, -26.3714 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(97, 129, 196) }
```


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

```
.border{ border-color:rgb(97, 129, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 129, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 129, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 129, 196);  
box-shadow:4px 4px 4px 4px rgb(97, 129,  
196) }
```

Background

The CSS property to change the background color of an element to YUV 127.0700, 33.9825, -26.3714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 129, 196) }
```

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

```
.background{ background-color: rgb(97, 129,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor