

Converting Colors

YUV(131.0530, 33.0049,
-39.5115)

Have a look what the booklet for
YUV(131.0530, 33.0049, -39.5115)
contains.

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Color

**YUV(131.0530, 33.0049,
-39.5115)**

Conversions

Conversions Part 1

Format	Color
Hex	568DC6
RGB	86, 141, 198
RGB Percent	34%, 55%, 78%
CMY	0.6627, 0.4471, 0.2235
CMYK	0.57, 0.29, 0.00, 0.22
HSL	211°, 50%, 56%
HSV	211°, 57%, 78%
XYZ	23.5557, 25.1054, 57.0304
YIQ	131.0530, -51.0770, 6.0670

Conversions

Conversions Part 2

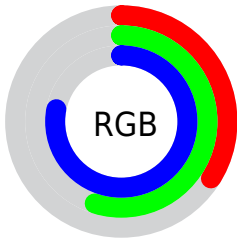
Format	Color
R_{YB}	86, 123, 198
Decimal	5672390
CIE _{Lab}	57.18, -1.36, -35.05
CIE _{LCh}	57, 35.075, 267.786
Yxy	25.1054, 0.2229, 0.2375
Android (android.graphics.Color)	4283862470 (0xFF568DC6)
YUV	131.0530, 33.0049, -39.5115
Hunter-Lab	50.1053, -3.7672, -32.4108

Details

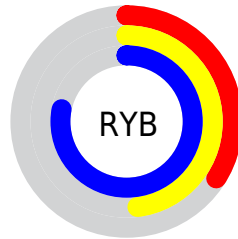
The YUV color **131.0530, 33.0049, -39.5115** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **152.9470, -33.0049, 39.5115**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.7050, 34.1624, -37.4523**, and **74.6170, 34.2058, -51.4071** is the 20% darker color. If you saturate the color by 10%, you get **119.2030, 38.8469, -46.6590**, and if you desaturate by 10%, it is **142.9030, 27.1628, -32.3639**.

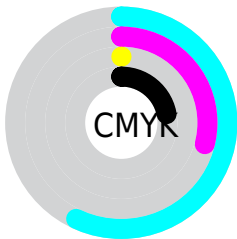
Distribution



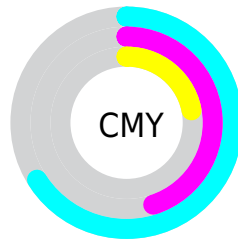
- Red (34%)
- Green (55%)
- Blue (78%)



- Red (34%)
- Yellow (48%)
- Blue (78%)



- Cyan (57%)
- Magenta (29%)
- Yellow (0%)
- Black (22%)



- Cyan (66%)
- Magenta (45%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 131.0530, 33.0049, -39.5115 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 131.0530, 33.0049, -39.5115 by changing the saturation by 10% instead.

■ 131.0530, 33.0049,
-39.5115

■ 131.0530, 33.0049,
-39.5115

■ 255.0000, 0.0000,
0.0000

■ 104.3300, 32.8683,
-42.3854

■ 185.7050, 34.1624,
-37.4523

■ 74.6170, 34.2058,
-51.4071

■ 210.8120, 21.7847,
-34.0381

■ 53.3680, 31.8636,
-46.8037

■ 236.5060, 9.1175,
-31.1388

■ 37.6040, 27.3102,
-32.9787

■ 247.5250, 3.6852,
-15.3694

■ 23.1280, 22.6149,
-20.2833

■ 7.5920, 18.9351,
-6.6582

■ 3.4370, 10.6306,

-3.0142

■ 0.0000, 0.0000,
0.0000

■ 131.0530, 33.0049,
-39.5115

■ 131.0530, 33.0049,
-39.5115

■ 119.2030, 38.8469,
-46.6590

■ 142.9030, 27.1628,
-32.3639

■ 107.3530, 44.6890,
-53.8066

■ 154.7530, 21.3208,
-25.2164

■ 95.8020, 50.3836,
-60.3394

■ 166.3040, 15.6261,
-18.6836

■ 83.9520, 56.2257,
-67.4869

■ 178.1540, 9.7841,
-11.5361

■ 79.5110, 58.4151,
-69.7311

■ 190.0040, 3.9420,
-4.3885

■ 201.8540, -1.9000,
2.7590

■ 214.2910, -8.0315,
9.3918

■ 225.8420,
-13.7261, 15.9246

■ 235.0010,
-18.2415, 17.5391

Harmonies

Analogous

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



109.7920, 38.5565, -93.6566



131.0530, 33.0049, -39.5115



139.0470, 25.6128, -1.7952

Triad

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



131.0530, 33.0049, -39.5115



138.6490, -14.1240, 50.2968



127.1150, -11.3957, -31.6729

Complementary

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



131.0530, 33.0049, -39.5115



152.9470, -33.0049, 39.5115

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.



132.1480, -24.7230, -3.6378



131.0530, 33.0049, -39.5115



137.3090, -25.2953, 40.0710

Square

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



131.0530, 33.0049, -39.5115



140.1120, 0.4378, 46.3828



135.3360, -29.7456, 20.7533



118.2430, 7.7682, -65.1111

Rectangle

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



131.0530, 33.0049, -39.5115



141.3440, 18.5644, 18.9923



135.3360, -29.7456, 20.7533



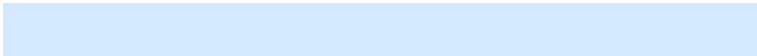
129.3890, -16.9538, -22.2662

Sweetspot

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



131.0530, 33.0049, -39.5115



229.2290, 12.7051, -15.1098



158.1280, -7.9511, -63.2563



112.5950, 7.5947, -9.2918



0.0000, 0.0000, 0.0000



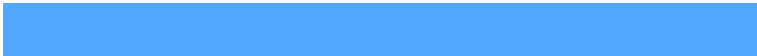
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



131.0530, 33.0049, -39.5115



151.6170, 50.9678, -61.0541



98.7680, 48.9214, -11.1975



93.3740, 2.7736, -2.9590



65.5420, 48.0468, -57.4803



14.6700, 10.5157, -12.8656

Inverse Universe

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



125.7580, 7.5143, 63.3562



143.4170, 11.6264, 97.8583



185.2320, -48.9214, 11.1975



93.1470, 0.4205, 5.1331



57.8570, 10.9165, 92.2104



12.8160, 2.5557, 20.3324

Previews

White Background



This preview shows how the YUV color 131.0530, 33.0049, -39.5115 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 131.0530, 33.0049, -39.5115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

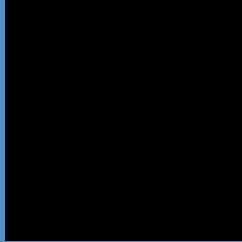
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 131.0530, 33.0049, -39.5115

Background



This preview shows how black text looks on a background with the YUV color 131.0530, 33.0049, -39.5115.



This preview shows how white text looks on a background with the YUV color 131.0530, 33.0049, -39.5115.

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

131.0530, 33.0049, -39.5115

Protanopia

136.8280, 27.6928, -15.6352

Deuteranopia

135.7070, 31.2034, -21.6680



Tritanopia

126.3450, 16.5919, -48.5376

Trichromacy



Original Color

131.0530, 33.0049, -39.5115

Protanomaly

134.6420, 29.7565, -24.2420

Deuteranomaly

134.1900, 31.9513, -28.2306

Tritanomaly

127.6750, 22.8382, -45.3190

Monochromacy



Original Color

131.0530, 33.0049, -39.5115

Achromatopsia

131.0000, 0.0000, 0.0000

Achromatomaly

131.3000, 11.6841, -14.2951

CSS Examples

Text

The CSS property to change the color of the text to YUV 131.0530, 33.0049, -39.5115 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(86, 141, 198)` looks like.

```
.text, #text, p{  
    color:rgb(86, 141, 198)  
}
```

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(86, 141, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 141, 198) }
```

Border

The CSS property to change the border of an element to YUV 131.0530, 33.0049, -39.5115 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(86, 141, 198) }
```


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

```
.border{ border-color:rgb(86, 141, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 141, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 141, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 141, 198);  
box-shadow:4px 4px 4px 4px rgb(86, 141,  
198) }
```

Background

The CSS property to change the background color of an element to YUV 131.0530, 33.0049, -39.5115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 141, 198) }
```

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

```
.background{ background-color: rgb(86, 141,  
198) }
```

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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