

Converting Colors

YUV(128.0530, 33.0049,
-39.5115)

Have a look what the booklet for
YUV(128.0530, 33.0049, -39.5115)
contains.

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Color

**YUV(128.0530, 33.0049,
-39.5115)**

Conversions

Conversions Part 1

Format	Color
Hex	538AC3
RGB	83, 138, 195
RGB Percent	33%, 54%, 76%
CMY	0.6745, 0.4588, 0.2353
CMYK	0.57, 0.29, 0.00, 0.24
HSL	211°, 48%, 55%
HSV	211°, 57%, 76%
XYZ	22.5061, 23.9561, 55.0675
YIQ	128.0530, -51.0770, 6.0670

Conversions

Conversions Part 2

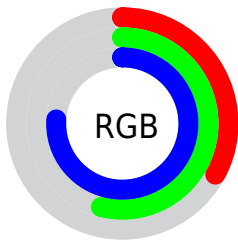
Format	Color
R_{YB}	83, 120, 195
Decimal	5475011
CIE Lab	56.04, -1.20, -35.13
CIE LCh	56, 35.153, 268.040
Yxy	23.9561, 0.2217, 0.2360
Android (android.graphics.Color)	4283665091 (0xFF538AC3)
YUV	128.0530, 33.0049, -39.5115
Hunter-Lab	48.9450, -3.5750, -32.4452

Details

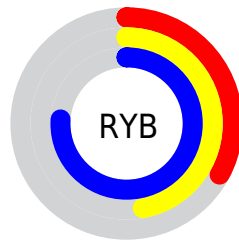
The YUV color **128.0530, 33.0049, -39.5115** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **149.9470, -33.0049, 39.5115**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.7050, 34.1624, -37.4523**, and **70.4210, 34.7954, -53.8662** is the 20% darker color. If you saturate the color by 10%, you get **116.5020, 38.6995, -46.0443**, and if you desaturate by 10%, it is **139.9030, 27.1628, -32.3639**.

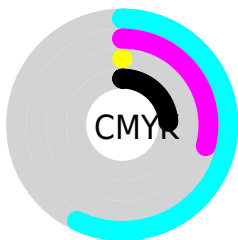
Distribution



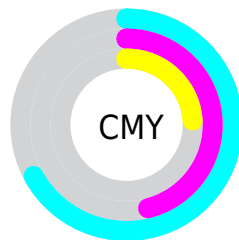
- Red (33%)
- Green (54%)
- Blue (76%)



- Red (33%)
- Yellow (47%)
- Blue (76%)



- Cyan (57%)
- Magenta (29%)
- Yellow (0%)
- Black (24%)



- Cyan (67%)
- Magenta (46%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.0530, 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 128.0530, 33.0049, -39.5115 by changing the saturation by 10% instead.

■ 128.0530, 33.0049,
-39.5115

■ 128.0530, 33.0049,
-39.5115

■ 255.0000, 0.0000,
0.0000

■ 101.3300, 32.8683,
-42.3854

■ 182.7050, 34.1624,
-37.4523

■ 70.4210, 34.7954,
-53.8662

■ 208.1540, 23.0951,
-34.3381

■ 51.2650, 31.4214,
-44.9594

■ 233.2610, 10.7173,
-30.9239

■ 36.0880, 26.5786,
-31.6492

■ 246.6280, 4.1274,
-17.2138

■ 21.6120, 21.8833,
-18.9537

■ 6.7770, 18.3509,
-5.9434

■ 3.0950, 9.3202,

-2.7143

■ 0.0000, 0.0000,
0.0000

■ 128.0530, 33.0049,
-39.5115

■ 128.0530, 33.0049,
-39.5115

■ 116.5020, 38.6995,
-46.0443

■ 139.9030, 27.1628,
-32.3639

■ 104.6520, 44.5416,
-53.1918

■ 151.4540, 21.4682,
-25.8312

■ 92.8020, 50.3836,
-60.3394

■ 163.3040, 15.6261,
-18.6836

■ 81.2510, 56.0783,
-66.8721

■ 174.8550, 9.9315,
-12.1508

■ 78.5820, 57.3941,
-68.9164

■ 186.7050, 4.0894,
-5.0033

■ 198.2560, -1.6052,
1.5295

■ 209.2200, -7.0105,
8.5771

■ 221.0700,
-12.8525, 15.7246

■ 231.7240,
-18.1049, 20.4131

Harmonies

Analogous

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



106.7920, 38.5565, -93.6566



128.0530, 33.0049, -39.5115



136.0470, 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.



128.0530, 33.0049, -39.5115



135.3500, -13.9765, 49.6821



124.1150, -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.



128.0530, 33.0049, -39.5115



149.9470, -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.



128.8490, -24.5756, -4.2526



128.0530, 33.0049, -39.5115



134.0100, -25.1479, 39.4562

Square

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



128.0530, 33.0049, -39.5115



137.1120, 0.4378, 46.3828



132.3360, -29.7456, 20.7533



114.6450, 8.0630, -66.3407

Rectangle

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



128.0530, 33.0049, -39.5115



138.2300, 18.1276, 19.0923



132.3360, -29.7456, 20.7533



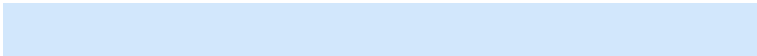
126.3890, -16.9538, -22.2662

Sweetspot

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



128.0530, 33.0049, -39.5115



227.1150, 12.2683, -15.0099



155.1280, -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.



128.0530, 33.0049, -39.5115



148.3180, 51.1152, -61.6689



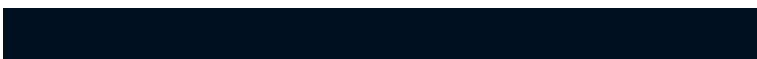
95.7680, 48.9214, -11.1975



91.0750, 2.9210, -3.5738



64.7270, 47.4626, -56.7656



13.1540, 9.7841, -11.5361

Inverse Universe

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



122.7580, 7.5143, 63.3562



139.8300, 11.9158, 98.3731



182.2320, -48.9214, 11.1975



90.5600, 0.7099, 5.6479



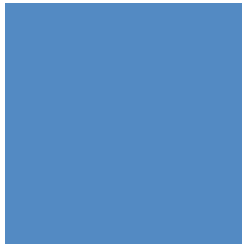
57.1450, 10.7745, 91.0808



11.6910, 2.1243, 18.6880

Previews

White Background



This preview shows how the YUV color 128.0530, 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 128.0530, 33.0049, -39.5115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

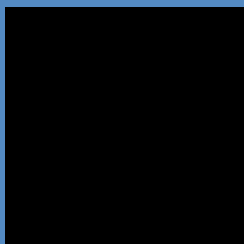
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 128.0530, 33.0049, -39.5115

Background



This preview shows how black text looks on a background with the YUV color 128.0530, 33.0049, -39.5115.

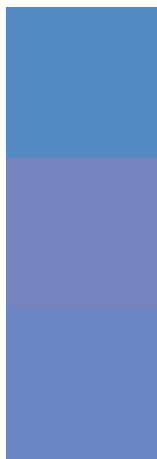


This preview shows how white text looks on a background with the YUV color 128.0530, 33.0049,

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

128.0530, 33.0049, -39.5115

Protanopia

133.5290, 27.8402, -16.2499

Deuteranopia

132.4080, 31.3509, -22.2828



Tritanopia

123.3450, 16.5919, -48.5376

Trichromacy



Original Color

128.0530, 33.0049, -39.5115

Protanomaly

131.3430, 29.9039, -24.8568

Deuteranomaly

130.8910, 32.0987, -28.8454

Tritanomaly

124.6750, 22.8382, -45.3190

Monochromacy



Original Color

128.0530, 33.0049, -39.5115

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

128.3000, 11.6841, -14.2951

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.0530, 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(83, 138, 195)` looks like.

```
.text, #text, p{  
    color:rgb(83, 138, 195)  
}
```

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(83, 138, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 138, 195) }
```

Border

The CSS property to change the border of an element to YUV 128.0530, 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(83, 138, 195) }
```


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

```
.border{ border-color:rgb(83, 138, 195) }
```

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

Here you see how a box with a 4 pixel rgb(83, 138, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 138, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 138, 195);  
box-shadow:4px 4px 4px 4px rgb(83, 138,  
195) }
```

Background

The CSS property to change the background color of an element to YUV 128.0530, 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(83, 138, 195) }
```

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

```
.background{ background-color: rgb(83, 138,  
195) }
```

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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