

Converting Colors

YUV(133.4970, 39.6880,
-36.3929)

Have a look what the booklet for
YUV(133.4970, 39.6880, -36.3929)
contains.

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Color

**YUV(133.4970, 39.6880,
-36.3929)**

Conversions

Conversions Part 1

Format	Color
Hex	5C8BD6
RGB	92, 139, 214
RGB Percent	36%, 55%, 84%
CMY	0.6392, 0.4549, 0.1608
CMYK	0.57, 0.35, 0.00, 0.16
HSL	217°, 60%, 60%
HSV	217°, 57%, 84%
XYZ	25.7839, 25.5956, 67.1998
YIQ	133.4970, -52.0870, 13.3610

Conversions

Conversions Part 2

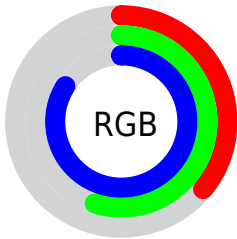
Format	Color
R_{YB}	92, 126, 214
Decimal	6065110
CIE _{Lab}	57.65, 6.21, -43.30
CIE _{LCh}	58, 43.739, 278.164
Yxy	25.5956, 0.2174, 0.2159
Android (android.graphics.Color)	4284255190 (0xFF5C8BD6)
YUV	133.4970, 39.6880, -36.3929
Hunter-Lab	50.5921, 2.4350, -43.3385

Details

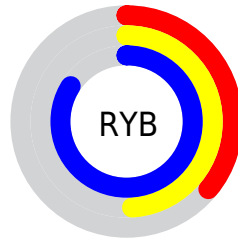
The YUV color **133.4970, 39.6880, -36.3929** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **172.5030, -39.6880, 36.3929**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.6240, 33.7094, -32.1192**, and **77.5340, 40.1627, -48.7033** is the 20% darker color. If you saturate the color by 10%, you get **119.5870, 46.5456, -42.6108**, and if you desaturate by 10%, it is **147.4070, 32.8303, -30.1749**.

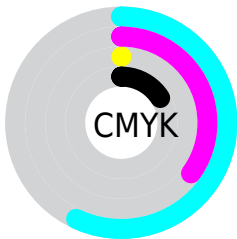
Distribution



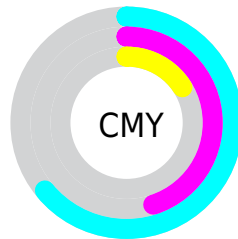
- Red (36%)
- Green (55%)
- Blue (84%)



- Red (36%)
- Yellow (49%)
- Blue (84%)



- Cyan (57%)
- Magenta (35%)
- Yellow (0%)
- Black (16%)



- Cyan (64%)
- Magenta (45%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.4970, 39.6880, -36.3929 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 133.4970, 39.6880, -36.3929 by changing the saturation by 10% instead.

■ 133.4970, 39.6880,
-36.3929

■ 133.4970, 39.6880,
-36.3929

■ 255.0000, 0.0000,
0.0000

■ 106.3610, 39.2620,
-39.7816

■ 186.6240, 33.7094,
-32.1192

■ 77.5340, 40.1627,
-48.7033

■ 211.7310, 21.3316,
-28.7051

■ 53.7900, 38.5575,
-47.1738

■ 236.8380, 8.9539,
-25.2909

■ 38.6130, 33.7148,
-33.8636

■ 249.9170, 2.5059,
-10.4512

■ 24.0230, 28.5827,
-21.0682

■ 10.1340, 23.5979,
-8.8875

■ 5.2780, 15.1459,

-4.6288

■ 1.3680, 5.2416,
-1.1997

■ 0.0000, 0.0000,
0.0000

■ 133.4970, 39.6880,
-36.3929

■ 133.4970, 39.6880,
-36.3929

■ 119.5870, 46.5456,
-42.6108

■ 147.4070, 32.8303,
-30.1749

■ 105.3780, 53.5506,
-49.4435

■ 161.6160, 25.8253,
-23.3422

■ 91.4680, 60.4083,
-55.6614

■ 175.5260, 18.9677,
-17.1243

■ 76.6720, 67.7027,
-61.9793

■ 190.3220, 11.6733,
-10.8064

■ 72.5300, 69.7447,
-63.6088

■ 204.2320, 4.8156,
-4.5885

■ 218.1420, -2.0420,
1.6295

■ 232.3510, -9.0470,
8.4622

■ 243.8690,
-14.7254, 9.7619

■ 250.3260,
-17.9087, 4.0991

Harmonies

Analogous

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



111.8760, 47.8821, -98.1153



133.4970, 39.6880, -36.3929



141.8190, 28.1902, 11.5597

Triad

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



133.4970, 39.6880, -36.3929



138.2280, -22.2974, 58.5590



120.1440, -5.4940, -58.0083

Complementary

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



133.4970, 39.6880, -36.3929



172.5030, -39.6880, 36.3929

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.



129.6040, -26.4268, -17.1927



133.4970, 39.6880, -36.3929



136.6160, -34.3207, 41.5558

Square

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



133.4970, 39.6880, -36.3929



139.7180, -5.2840, 61.6373



134.1690, -36.5653, 14.7608



109.6180, 18.9223, -96.1350

Rectangle

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



133.4970, 39.6880, -36.3929



142.6280, 17.9314, 35.4062



134.1690, -36.5653, 14.7608



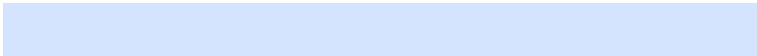
124.1800, -13.3997, -42.2539

Sweetspot

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



133.4970, 39.6880, -36.3929



226.2940, 14.1521, -12.5358



171.9360, -3.4194, -70.1039



110.8340, 8.4628, -7.7474



0.0000, 0.0000, 0.0000



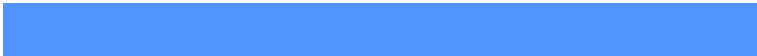
128.0000, 0.0000, 0.0000

Same Dimension

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



133.4970, 39.6880, -36.3929



140.4640, 56.4662, -51.2729



109.4960, 51.5205, -4.8200



100.1890, 3.3578, -3.6738



58.2360, 55.5927, -51.0730



14.8810, 13.8627, -13.0506

Inverse Universe

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



133.8360, 2.5459, 70.3038



141.2510, 3.3273, 99.7579



196.5040, -51.5205, 4.8200



99.8590, 0.5625, 6.2627



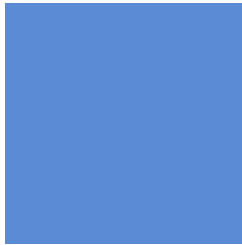
58.6530, 3.6221, 98.5283



14.7950, 1.0871, 24.7358

Previews

White Background



This preview shows how the YUV color 133.4970, 39.6880, -36.3929 looks on a white background.

Color Contrast Check

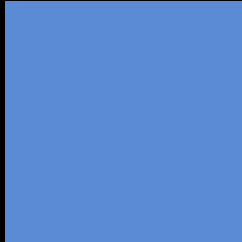
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.4970, 39.6880, -36.3929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

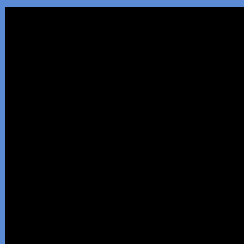
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

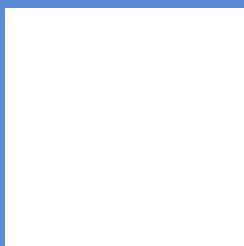
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 133.4970, 39.6880, -36.3929

Background



This preview shows how black text looks on a background with the YUV color 133.4970, 39.6880, -36.3929.



This preview shows how white text looks on a background with the YUV color 133.4970, 39.6880, -36.3929.

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

133.4970, 39.6880, -36.3929

Protanopia

136.4880, 36.7344, -22.3530

Deuteranopia

134.7040, 39.0929, -32.1894



Tritanopia

127.7470, 16.8867, -49.7671

Trichromacy



Original Color

133.4970, 39.6880, -36.3929

Protanomaly

135.0960, 37.9137, -27.2712

Deuteranomaly

134.1060, 39.3877, -33.4190

Tritanomaly

129.9570, 25.1642, -44.6893

Monochromacy



Original Color

133.4970, 39.6880, -36.3929

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

132.9950, 14.2995, -13.1506

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.4970, 39.6880, -36.3929 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(92, 139, 214)` looks like.

```
.text, #text, p{  
    color:rgb(92, 139, 214)  
}
```

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(92, 139, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 139, 214) }
```

Border

The CSS property to change the border of an element to YUV 133.4970, 39.6880, -36.3929 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(92, 139, 214) }
```


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

```
.border{ border-color:rgb(92, 139, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 139, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 139, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 139, 214);  
box-shadow:4px 4px 4px 4px rgb(92, 139,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 133.4970, 39.6880, -36.3929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 139, 214) }
```

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

```
.background{ background-color: rgb(92, 139,  
214) }
```

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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