

Converting Colors

YUV(133.1370, 25.5685,
-34.3231)

Have a look what the booklet for
YUV(133.1370, 25.5685, -34.3231)
contains.

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Color

**YUV(133.1370, 25.5685,
-34.3231)**

Conversions

Conversions Part 1

Format	Color
Hex	5E8FB9
RGB	94, 143, 185
RGB Percent	37%, 56%, 73%
CMY	0.6314, 0.4392, 0.2745
CMYK	0.49, 0.23, 0.00, 0.27
HSL	208°, 39%, 55%
HSV	208°, 49%, 73%
XYZ	23.1955, 25.5274, 49.6037
YIQ	133.1370, -42.6860, 2.6740

Conversions

Conversions Part 2

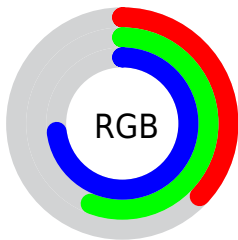
Format	Color
R _Y B	94, 126, 185
Decimal	6197177
CIE Lab	57.59, -4.72, -27.02
CIE LCh	58, 27.429, 260.088
Yxy	25.5274, 0.2359, 0.2596
Android (android.graphics.Color)	4284387257 (0xFF5E8FB9)
YUV	133.1370, 25.5685, -34.3231
Hunter-Lab	50.5246, -6.4700, -22.8420

Details

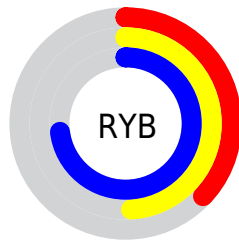
The YUV color **133.1370, 25.5685, -34.3231** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **145.8630, -25.5685, 34.3231**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.6640, 26.2946, -33.9083**, and **80.7020, 25.2899, -38.3267** is the 20% darker color. If you saturate the color by 10%, you get **122.4720, 30.8263, -40.7559**, and if you desaturate by 10%, it is **144.1010, 20.1632, -27.2756**.

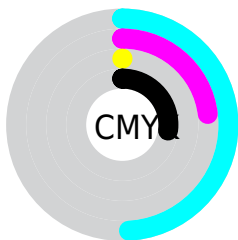
Distribution



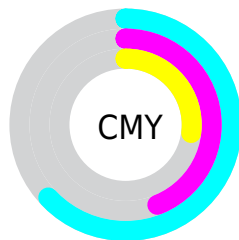
- Red (37%)
- Green (56%)
- Blue (73%)



- Red (37%)
- Yellow (49%)
- Blue (73%)



- Cyan (49%)
- Magenta (23%)
- Yellow (0%)
- Black (27%)



- Cyan (63%)
- Magenta (44%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.1370, 25.5685, -34.3231 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 133.1370, 25.5685, -34.3231 by changing the saturation by 10% instead.

■ 133.1370, 25.5685,
-34.3231

■ 133.1370, 25.5685,
-34.3231

255.0000, 0.0000,
0.0000

■ 106.4250, 25.4265,
-35.4527

■ 187.6640, 26.2946,
-33.9083

■ 80.7020, 25.2899,
-38.3267

■ 214.0680, 20.1795,
-32.5086

■ 52.5870, 26.3326,
-46.1188

■ 239.1750, 7.8017,
-29.0945

■ 36.9370, 22.2161,
-32.3937

■ 249.0200, 2.9481,
-12.2955

■ 22.5750, 17.9575,
-19.7983

■ 5.3920, 15.5827,
-4.7288

■ 2.0690, 5.3890,

-1.8145

■ 0.0000, 0.0000,
0.0000

■ 133.1370, 25.5685,
-34.3231

■ 133.1370, 25.5685,
-34.3231

■ 122.4720, 30.8263,
-40.7559

■ 144.1010, 20.1632,
-27.2756

■ 112.0950, 35.9422,
-48.3183

■ 154.1790, 15.1948,
-20.3280

■ 101.4300, 41.2000,
-54.7511

■ 165.1430, 9.7895,
-13.2804

■ 91.0530, 46.3159,
-62.3135

■ 175.2210, 4.8210,
-6.3328

■ 80.0890, 51.7211,
-69.3611

■ 186.1850, -0.5842,
0.7148

■ 79.7900, 51.8685,
-69.9758

■ 196.2630, -5.5527,
7.6623

■ 207.2270,
-10.9579, 14.7099

■ 217.3050,
-15.9264, 21.6575

■ 226.4750,
-20.4472, 25.0164

Harmonies

Analogous

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



126.4350, 23.4495, -54.7555



133.1370, 25.5685, -34.3231



138.9770, 21.7033, -7.8728

Triad

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



133.1370, 25.5685, -34.3231



140.6630, -8.7079, 39.7605



132.2630, -12.4547, -18.6477

Complementary

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



133.1370, 25.5685, -34.3231



145.8630, -25.5685, 34.3231

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.



135.2180, -20.8135, 2.4398



133.1370, 25.5685, -34.3231



139.2250, -17.8589, 34.8827

Square

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



133.1370, 25.5685, -34.3231



141.6050, 2.6597, 33.6724



137.4700, -22.9097, 21.5128



128.1600, 0.4141, -39.6053

Rectangle

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



133.1370, 25.5685, -34.3231



141.1210, 16.7023, 9.5409



137.4700, -22.9097, 21.5128



133.0960, -15.8233, -11.4852

Sweetspot

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



133.1370, 25.5685, -34.3231



219.2570, 10.2263, -13.3804



152.0910, -8.4259, -50.9458



107.5520, 6.1369, -8.3771



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



133.1370, 25.5685, -34.3231



158.8000, 40.0316, -53.3216



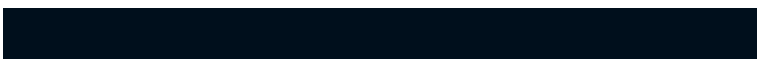
107.3090, 38.3017, -11.6720



86.9610, 2.4842, -3.4738



67.0920, 43.8316, -58.8397



11.9970, 7.8895, -10.5214

Inverse Universe

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



126.7950, 7.9891, 51.0458



149.1220, 12.2649, 79.7000



171.6910, -38.3017, 11.6720



86.2610, 0.8573, 5.0331



56.2200, 13.6955, 87.5071



10.0820, 2.4246, 15.7141

Previews

White Background



This preview shows how the YUV color 133.1370, 25.5685, -34.3231 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 133.1370, 25.5685, -34.3231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

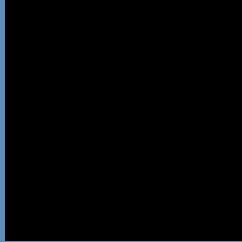
Any Text WCAG AA ✓ Pass

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 133.1370, 25.5685, -34.3231 Background



This preview shows how black text looks on a background with the YUV color 133.1370, 25.5685, -34.3231.



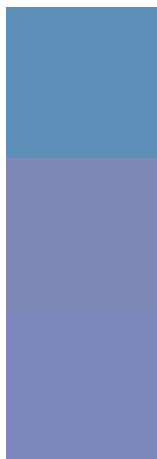
This preview shows how white text looks on a background with the YUV color 133.1370, 25.5685, -34.3231.

-34.3231.

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

133.1370, 25.5685, -34.3231

Protanopia

138.0260, 20.6932, -10.5468

Deuteranopia

138.2260, 24.0456, -12.4762



Tritanopia

130.8300, 14.3808, -39.3159

Trichromacy



Original Color

133.1370, 25.5685, -34.3231

Protanomaly

136.4270, 22.4675, -19.6685

Deuteranomaly

136.5840, 24.3621, -20.6832

Tritanomaly

131.5790, 18.4486, -37.3418

Monochromacy



Original Color

133.1370, 25.5685, -34.3231

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

133.3280, 9.2053, -12.5657

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.1370, 25.5685, -34.3231 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(94, 143, 185)` looks like.

```
.text, #text, p{  
    color:rgb(94, 143, 185)  
}
```

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(94, 143, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 143, 185) }
```

Border

The CSS property to change the border of an element to YUV 133.1370, 25.5685, -34.3231 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(94, 143, 185) }
```


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

```
.border{ border-color:rgb(94, 143, 185) }
```

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

Here you see how a box with a 4 pixel rgb(94, 143, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 143, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 143, 185);  
box-shadow:4px 4px 4px 4px rgb(94, 143,  
185) }
```

Background

The CSS property to change the background color of an element to YUV 133.1370, 25.5685, -34.3231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 143, 185) }
```

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

```
.background{ background-color: rgb(94, 143,  
185) }
```

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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