

Converting Colors

YUV(133.8210, 28.1892,
-34.9230)

Have a look what the booklet for
YUV(133.8210, 28.1892, -34.9230)
contains.

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Color

**YUV(133.8210, 28.1892,
-34.9230)**

Conversions

Conversions Part 1

Format	Color
Hex	5E8FBF
RGB	94, 143, 191
RGB Percent	37%, 56%, 75%
CMY	0.6314, 0.4392, 0.2510
CMYK	0.51, 0.25, 0.00, 0.25
HSL	210°, 43%, 56%
HSV	210°, 51%, 75%
XYZ	23.8425, 25.7862, 53.0108
YIQ	133.8210, -44.6120, 4.5400

Conversions

Conversions Part 2

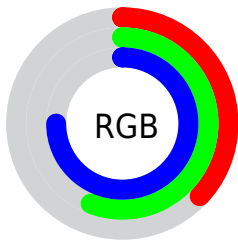
Format	Color
R_{YB}	94, 127, 191
Decimal	6197183
CIE _{Lab}	57.83, -2.91, -30.04
CIE _{LCh}	58, 30.179, 264.464
Yxy	25.7862, 0.2323, 0.2512
Android (android.graphics.Color)	4284387263 (0xFF5E8FBF)
YUV	133.8210, 28.1892, -34.9230
Hunter-Lab	50.7801, -5.0550, -26.3485

Details

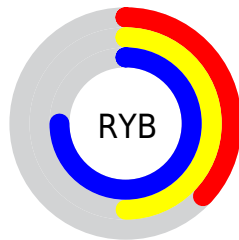
The YUV color **133.8210, 28.1892, -34.9230** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **151.1790, -28.1892, 34.9230**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.4620, 29.3522, -34.6082**, and **80.6740, 27.7687, -40.0561** is the 20% darker color. If you saturate the color by 10%, you get **122.8570, 33.5945, -41.9706**, and if you desaturate by 10%, it is **144.7850, 22.7840, -27.8754**.

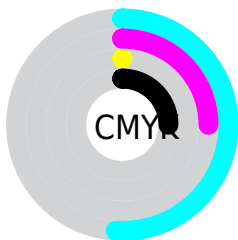
Distribution



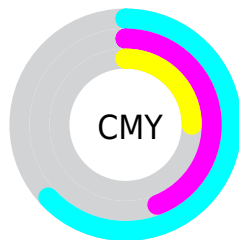
- Red (37%)
- Green (56%)
- Blue (75%)



- Red (37%)
- Yellow (50%)
- Blue (75%)



- Cyan (51%)
- Magenta (25%)
- Yellow (0%)
- Black (25%)



- Cyan (63%)
- Magenta (44%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.8210, 28.1892, -34.9230 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 133.8210, 28.1892, -34.9230 by changing the saturation by 10% instead.

■ 133.8210, 28.1892,
-34.9230

■ 133.8210, 28.1892,
-34.9230

255.0000, 0.0000,
0.0000

■ 107.1090, 28.0473,
-36.0526

■ 188.4620, 29.3522,
-34.6082

■ 80.6740, 27.7687,
-40.0561

■ 214.3670, 20.0321,
-31.8939

■ 53.8580, 28.6640,
-47.2335

■ 239.1750, 7.8017,
-29.0945

■ 37.5070, 24.4000,
-32.8936

■ 249.3190, 2.8007,
-11.6808

■ 23.0310, 19.7047,
-20.1982

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,

-2.4144

■ 0.0000, 0.0000,
0.0000

■ 133.8210, 28.1892,
-34.9230

■ 133.8210, 28.1892,
-34.9230

■ 122.8570, 33.5945,
-41.9706

■ 144.7850, 22.7840,
-27.8754

■ 111.3060, 39.2891,
-48.5034

■ 156.3360, 17.0894,
-21.3427

■ 100.3420, 44.6944,
-55.5509

■ 167.3000, 11.6841,
-14.2951

■ 88.7910, 50.3890,
-62.0837

■ 178.8510, 5.9895,
-7.7623

■ 78.1260, 55.6469,
-68.5165

■ 190.1140, 0.4368,
-0.1000

■ 201.6650, -5.2578,
6.4328

■ 212.6290,
-10.6631, 13.4804

■ 224.1800,
-16.3577, 20.0131

■ 231.8550,
-20.1415, 20.2982

Harmonies

Analogous

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



124.5310, 27.8392, -62.7327



133.8210, 28.1892, -34.9230



140.3410, 23.0029, -4.6841

Triad

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



133.8210, 28.1892, -34.9230



141.0010, -11.3395, 43.8491



131.3440, -12.0016, -23.9807

Complementary

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



133.8210, 28.1892, -34.9230



151.1790, -28.1892, 34.9230

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.



135.1530, -22.2604, -0.1342



133.8210, 28.1892, -34.9230



139.7260, -21.0639, 36.1973

Square

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



133.8210, 28.1892, -34.9230



142.2960, 1.3331, 39.2054



137.7750, -25.5251, 20.3683



126.2020, 3.3514, -48.4122

Rectangle

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



133.8210, 28.1892, -34.9230



142.5560, 16.9809, 13.5444



137.7750, -25.5251, 20.3683



132.3620, -15.9545, -16.1035

Sweetspot

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



133.8210, 28.1892, -34.9230



225.3710, 10.6631, -13.4804



156.2970, -7.5414, -54.6345



111.6660, 6.5737, -8.4771



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



133.8210, 28.1892, -34.9230



158.4130, 43.6734, -54.7362



106.2320, 41.7906, -10.7275



88.9610, 2.4842, -3.4738



64.9720, 45.8628, -56.9804



12.3390, 9.1999, -10.8213

Inverse Universe

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



128.5890, 7.1046, 54.7344



149.9270, 11.3750, 85.1330



178.7680, -41.7906, 10.7275



88.2610, 0.8573, 5.0331



56.3620, 11.6535, 89.1365



10.9790, 1.9824, 17.5584

Previews

White Background



This preview shows how the YUV color 133.8210, 28.1892, -34.9230 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 133.8210, 28.1892, -34.9230 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 133.8210, 28.1892, -34.9230

Background



This preview shows how black text looks on a background with the YUV color 133.8210, 28.1892, -34.9230.

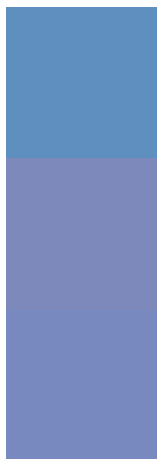


This preview shows how white text looks on a background with the YUV color 133.8210, 28.1892, -34.9230.

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

133.8210, 28.1892, -34.9230

Protanopia

138.6990, 23.3194, -12.8910

Deuteranopia

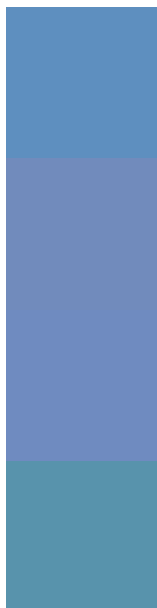
138.1870, 26.5298, -15.9500



Tritanopia

130.9330, 14.8230, -41.1602

Trichromacy



Original Color

133.8210, 28.1892, -34.9230

Protanomaly

136.8120, 25.2357, -20.8831

Deuteranomaly

136.6700, 27.2777, -22.5126

Tritanomaly

132.2090, 19.6170, -38.7713

Monochromacy



Original Color

133.8210, 28.1892, -34.9230

Achromatopsia

134.0000, 0.0000, 0.0000

Achromatomaly

133.6700, 10.5157, -12.8656

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.8210, 28.1892, -34.9230 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, 191)` looks like.

```
.text, #text, p{  
    color:rgb(94, 143, 191)  
}
```

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, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 143, 191) }
```

Border

The CSS property to change the border of an element to YUV 133.8210, 28.1892, -34.9230 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, 191) }
```


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

```
.border{ border-color:rgb(94, 143, 191) }
```

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, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 143, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 143, 191);  
box-shadow:4px 4px 4px 4px rgb(94, 143,  
191) }
```

Background

The CSS property to change the background color of an element to YUV 133.8210, 28.1892, -34.9230 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, 191) }
```

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

```
.background{ background-color: rgb(94, 143,  
191) }
```

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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