

Converting Colors

YUV(133.0810, 50.7391,
-34.2740)

Have a look what the booklet for
YUV(133.0810, 50.7391, -34.2740)
contains.

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Color

**YUV(133.0810, 50.7391,
-34.2740)**

Conversions

Conversions Part 1

Format	Color
Hex	5E85EC
RGB	94, 133, 236
RGB Percent	37%, 52%, 93%
CMY	0.6314, 0.4784, 0.0745
CMYK	0.60, 0.44, 0.00, 0.07
HSL	224°, 79%, 65%
HSV	224°, 60%, 93%
XYZ	28.1439, 25.2109, 82.7397
YIQ	133.0810, -56.3070, 23.7650

Conversions

Conversions Part 2

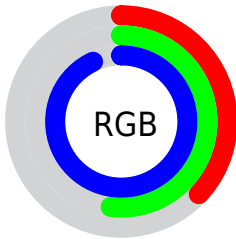
Format	Color
R _Y B	94, 125, 236
Decimal	6194668
CIE _{Lab}	57.28, 17.40, -56.16
CIE _{LCh}	57, 58.796, 287.212
Yxy	25.2109, 0.2068, 0.1852
Android (android.graphics.Color)	4284384748 (0xFF5E85EC)
YUV	133.0810, 50.7391, -34.2740
Hunter-Lab	50.2104, 12.1846, -62.5543

Details

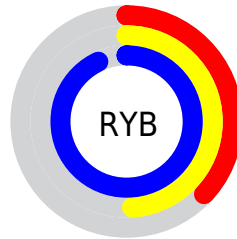
The YUV color **133.0810, 50.7391, -34.2740** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **196.9190, -50.7391, 34.2740**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.5970, 34.7087, -25.9566**, and **72.1060, 52.6987, -56.2210** is the 20% darker color. If you saturate the color by 10%, you get **115.9260, 59.1965, -40.2771**, and if you desaturate by 10%, it is **150.2360, 42.2817, -28.2710**.

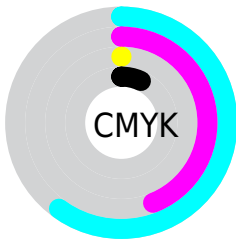
Distribution



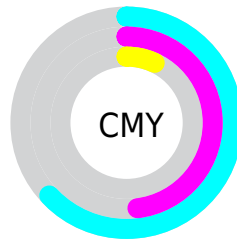
- Red (37%)
- Green (52%)
- Blue (93%)



- Red (37%)
- Yellow (49%)
- Blue (93%)



- Cyan (60%)
- Magenta (44%)
- Yellow (0%)
- Black (7%)



- Cyan (63%)
- Magenta (48%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.0810, 50.7391, -34.2740 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 133.0810, 50.7391, -34.2740 by changing the saturation by 10% instead.

■ 133.0810, 50.7391,
-34.2740

■ 133.0810, 50.7391,
-34.2740

255.0000, 0.0000,
0.0000

■ 105.2330, 50.1711,
-38.7923

■ 184.5970, 34.7087,
-25.9566

■ 72.1060, 52.6987,
-56.2210

■ 209.1170, 22.6203,
-22.0276

■ 53.7220, 48.4511,
-47.1142

■ 235.1100, 9.8058,
-18.5135

■ 38.4310, 43.1715,
-33.7040

■ 252.0100, 1.4741,
-6.1478

■ 24.3140, 37.3132,
-21.3234

■ 11.4850, 31.3129,
-10.0723

■ 8.2760, 21.5559,

-7.2581

■ 4.5940, 12.5252,
-4.0289

■ 0.0000, 0.0000,
0.0000

■ 133.0810, 50.7391,
-34.2740

■ 133.0810, 50.7391,
-34.2740

■ 115.9260, 59.1965,
-40.2771

■ 150.2360, 42.2817,
-28.2710

■ 99.0700, 67.5065,
-45.6654

■ 167.0920, 33.9716,
-22.8827

■ 81.9150, 75.9639,
-51.6685

■ 184.2470, 25.5142,
-16.8796

■ 65.0590, 84.2739,
-57.0567

■ 201.1030, 17.2042,
-11.4913

■ 218.8450, 8.4574,
-6.0031

■ 236.0000, 0.0000,
0.0000

■ 251.6600, -7.7204,
2.9292

■ 252.8340, -8.2992,
1.8996

Harmonies

Analogous

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



115.1820, 60.5493, -101.0146



133.0810, 50.7391, -34.2740



141.7920, 32.6405, 30.8774

Triad

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



133.0810, 50.7391, -34.2740



134.1020, -34.5603, 71.8245



106.8020, 3.0556, -93.6654

Complementary

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



133.0810, 50.7391, -34.2740



196.9190, -50.7391, 34.2740

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.



120.2930, -28.2454, -40.5990



133.0810, 50.7391, -34.2740



132.0450, -51.7872, 43.8105

Square

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



133.0810, 50.7391, -34.2740



133.5530, -11.6116, 84.5840



127.7430, -50.6523, 6.3644



114.0180, 25.6271, -99.9938

Rectangle

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



133.0810, 50.7391, -34.2740



139.1350, 19.1604, 61.2716



127.7430, -50.6523, 6.3644



104.2770, -4.0806, -91.4509

Sweetspot

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



133.0810, 50.7391, -34.2740



221.8750, 16.3306, -11.2914



188.9820, 3.4599, -83.2992



107.0020, 10.3520, -7.0178



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.



133.0810, 50.7391, -34.2740



121.9130, 65.6119, -44.6507



119.4570, 57.4557, 4.8612



109.0150, 3.9366, -2.6442



49.9840, 64.5909, -43.8360



14.9610, 19.2462, -13.1208

Inverse Universe

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



140.9040, -3.8967, 83.3992



131.8300, -4.8462, 108.0201



210.5430, -57.4557, -4.8612



109.6310, -0.3111, 6.4626



59.8190, -4.8408, 106.2757



17.8560, -1.4080, 31.6983

Previews

White Background



This preview shows how the YUV color 133.0810, 50.7391, -34.2740 looks on a white background.

Color Contrast Check

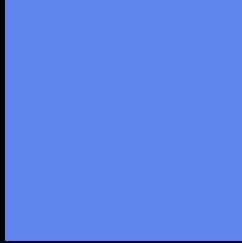
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.0810, 50.7391, -34.2740 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 133.0810, 50.7391, -34.2740 Background



This preview shows how black text looks on a background with the YUV color 133.0810, 50.7391, -34.2740.



This preview shows how white text looks on a background with the YUV color 133.0810, 50.7391, -34.2740.

-34.2740.

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

133.0810, 50.7391, -34.2740

Protanopia

132.1840, 51.1813, -36.1184

Deuteranopia

126.6330, 53.4249, -55.8061



Tritanopia

123.8710, 18.7976, -56.0149

Trichromacy



Original Color

133.0810, 50.7391, -34.2740

Protanomaly

132.4830, 51.0339, -35.5036

Deuteranomaly

128.7480, 52.3822, -48.0140

Tritanomaly

127.0150, 30.5586, -48.2482

Monochromacy



Original Color

133.0810, 50.7391, -34.2740

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

133.0320, 18.2252, -12.3061

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.0810, 50.7391, -34.2740 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, 133, 236)` looks like.

```
.text, #text, p{  
    color:rgb(94, 133, 236)  
}
```

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, 133, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 133, 236) }
```

Border

The CSS property to change the border of an element to YUV 133.0810, 50.7391, -34.2740 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, 133, 236) }
```


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

```
.border{ border-color:rgb(94, 133, 236) }
```

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

Here you see how a box with a 4 pixel rgb(94, 133, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 133, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 133, 236);  
box-shadow:4px 4px 4px 4px rgb(94, 133,  
236) }
```

Background

The CSS property to change the background color of an element to YUV 133.0810, 50.7391, -34.2740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 133, 236) }
```

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

```
.background{ background-color: rgb(94, 133,  
236) }
```

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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