

Converting Colors

YUV(181.1780, 33.4362,
-37.8671)

Have a look what the booklet for
YUV(181.1780, 33.4362, -37.8671)
contains.

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Color

**YUV(181.1780, 33.4362,
-37.8671)**

Conversions

Conversions Part 1

Format	Color
Hex	8ABEF9
RGB	138, 190, 249
RGB Percent	54%, 75%, 98%
CMY	0.4588, 0.2549, 0.0235
CMYK	0.45, 0.24, 0.00, 0.02
HSL	212°, 90%, 76%
HSV	212°, 45%, 98%
XYZ	45.9936, 49.0697, 96.6698
YIQ	181.1780, -49.9310, 7.3250

Conversions

Conversions Part 2

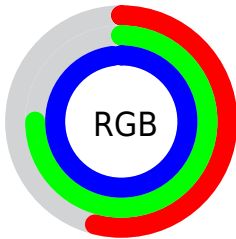
Format	Color
R _Y B	138, 173, 249
Decimal	9092857
CIE Lab	75.49, -1.83, -34.47
CIE LCh	75, 34.523, 266.964
Yxy	49.0697, 0.2399, 0.2559
Android (android.graphics.Color)	4287282937 (0xFF8ABEF9)
YUV	181.1780, 33.4362, -37.8671
Hunter-Lab	70.0498, -5.3869, -32.7863

Details

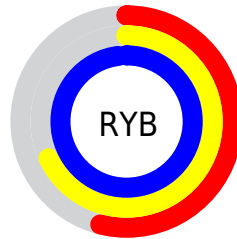
The YUV color **181.1780, 33.4362, -37.8671** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **205.8220, -33.4362, 37.8671**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.7770, 11.4489, -32.2534**, and **126.5260, 32.2787, -39.9263** is the 20% darker color. If you saturate the color by 10%, you get **166.0720, 40.8835, -46.5441**, and if you desaturate by 10%, it is **196.2840, 25.9890, -29.1901**.

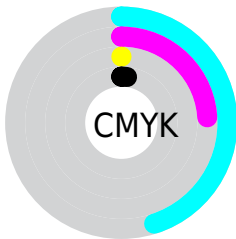
Distribution



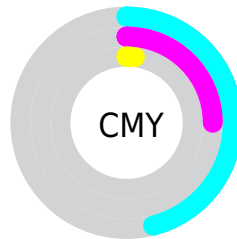
- Red (54%)
- Green (75%)
- Blue (98%)



- Red (54%)
- Yellow (68%)
- Blue (98%)



- Cyan (45%)
- Magenta (24%)
- Yellow (0%)
- Black (2%)



- Cyan (46%)
- Magenta (25%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 181.1780, 33.4362, -37.8671 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 181.1780, 33.4362, -37.8671 by changing the saturation by 10% instead.

■ 181.1780, 33.4362,
-37.8671

■ 181.1780, 33.4362,
-37.8671

255.0000, 0.0000,
0.0000

■ 153.6510, 32.7101,
-38.2819

■ 231.7770, 11.4489,
-32.2534

■ 126.5260, 32.2787,
-39.9263

■ 246.0300, 4.4222,
-18.4433

■ 99.5040, 32.2895,
-43.4150

254.7010, 0.1474,
-0.6148

■ 67.9970, 34.5115,
-56.1254

■ 50.4500, 30.8372,
-44.2446

■ 35.2730, 25.9944,
-30.9344

■ 20.7970, 21.2991,

-18.2390

■ 6.5490, 17.4773,
-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 181.1780, 33.4362,
-37.8671

■ 181.1780, 33.4362,
-37.8671

■ 166.0720, 40.8835,
-46.5441

■ 196.2840, 25.9890,
-29.1901

■ 150.9660, 48.3308,
-55.2212

■ 211.3900, 18.5417,
-20.5130

■ 135.2730, 56.0674,
-63.3834

■ 227.0830, 10.8051,
-12.3508

■ 120.1670, 63.5147,
-72.0605

■ 242.1890, 3.3578,
-3.6738

■ 105.0610, 70.9619,
-80.7375

■ 254.3160, -2.6208,
0.5999

■ 97.0650, 74.9040,
-85.1260

Harmonies

Analogous

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



171.1650, 32.9497, -68.5507



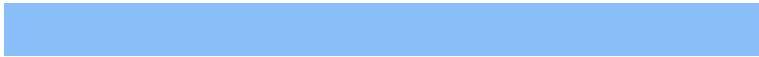
181.1780, 33.4362, -37.8671



188.3890, 26.9232, -2.0952

Triad

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



181.1780, 33.4362, -37.8671



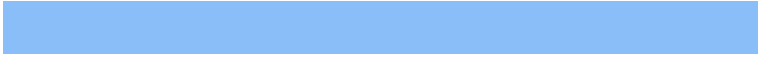
188.8450, -14.7136, 52.7559



176.6590, -13.1429, -31.2729

Complementary

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



181.1780, 33.4362, -37.8671



205.8220, -33.4362, 37.8671

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.



181.1050, -26.1808, -2.7231



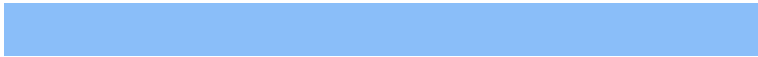
181.1780, 33.4362, -37.8671



186.8040, -26.0324, 43.1449

Square

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



181.1780, 33.4362, -37.8671



190.0090, -0.0044, 48.2271



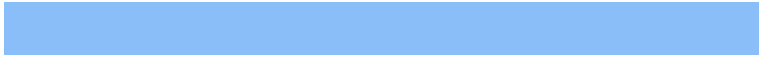
184.4180, -30.7721, 23.3124



171.0050, 5.4205, -58.7634

Rectangle

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



181.1780, 33.4362, -37.8671



189.9850, 19.7274, 19.3072



184.4180, -30.7721, 23.3124



178.4600, -17.9748, -21.4514

Sweetspot

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



181.1780, 33.4362, -37.8671



234.5670, 10.0735, -11.0213



209.6550, -7.2249, -62.8414



115.2640, 6.2788, -7.2475



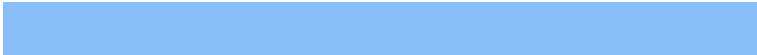
0.0000, 0.0000, 0.0000



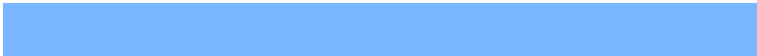
128.0000, 0.0000, 0.0000

Same Dimension

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



181.1780, 33.4362, -37.8671



172.3710, 40.7361, -45.9294



151.2520, 48.1898, -9.8680



117.0040, 3.9420, -4.3885



73.2020, 57.0884, -64.1982



23.9770, 18.2523, -21.0278

Inverse Universe

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



177.1170, 6.3513, 63.0414



167.5470, 7.6183, 76.6963



235.7480, -48.1898, 9.8680



116.5710, 0.7045, 7.3922



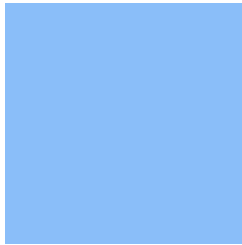
66.5430, 10.5783, 107.3948



21.5450, 3.6753, 34.6020

Previews

White Background



This preview shows how the YUV color 181.1780, 33.4362, -37.8671 looks on a white background.

Color Contrast Check

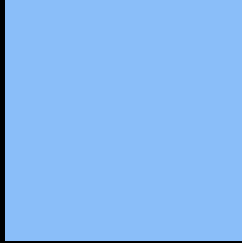
Large Text (above 18pt) WCAG AA × Fail

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 181.1780, 33.4362, -37.8671 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

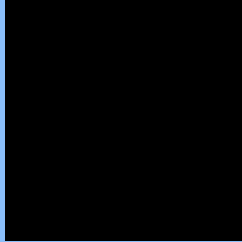
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

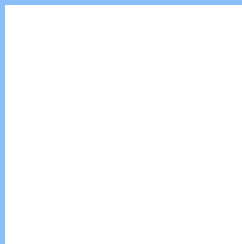
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 181.1780, 33.4362, -37.8671

Background



This preview shows how black text looks on a background with the YUV color 181.1780, 33.4362, -37.8671.



This preview shows how white text looks on a background with the YUV color 181.1780, 33.4362, -37.8671.

-37.8671.

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

181.1780, 33.4362, -37.8671

Protanopia

185.7680, 28.7084, -14.7055

Deuteranopia

185.9680, 32.0608, -16.6349



Tritanopia

178.0790, 16.7231, -43.9193

Trichromacy



Original Color

181.1780, 33.4362, -37.8671

Protanomaly

184.4680, 30.3353, -23.2124

Deuteranomaly

184.3260, 32.3773, -24.8419

Tritanomaly

178.9960, 22.6800, -41.2155

Monochromacy



Original Color

181.1780, 33.4362, -37.8671

Achromatopsia

181.0000, 0.0000, 0.0000

Achromatomaly

180.8270, 12.4103, -13.8803

CSS Examples

Text

The CSS property to change the color of the text to YUV 181.1780, 33.4362, -37.8671 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(138, 190, 249)` looks like.

```
.text, #text, p{  
    color:rgb(138, 190, 249)  
}
```

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(138, 190, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 190, 249) }
```

Border

The CSS property to change the border of an element to YUV 181.1780, 33.4362, -37.8671 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(138, 190, 249) }
```


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

```
.border{ border-color:rgb(138, 190, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 190, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 190, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 190, 249);  
box-shadow:4px 4px 4px 4px rgb(138, 190,  
249) }
```

Background

The CSS property to change the background color of an element to YUV 181.1780, 33.4362, -37.8671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 190, 249) }
```

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

```
.background{ background-color: rgb(138,  
190, 249) }
```

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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