

Converting Colors

YUV(172.4770, 33.2888,
-37.2523)

Have a look what the booklet for
YUV(172.4770, 33.2888, -37.2523)
contains.

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Color

**YUV(172.4770, 33.2888,
-37.2523)**

Conversions

Conversions Part 1

Format	Color
Hex	82B5F0
RGB	130, 181, 240
RGB Percent	51%, 71%, 94%
CMY	0.4902, 0.2902, 0.0588
CMYK	0.46, 0.25, 0.00, 0.06
HSL	212°, 79%, 73%
HSV	212°, 46%, 94%
XYZ	41.4580, 44.0848, 88.7622
YIQ	172.4770, -49.3350, 7.5370

Conversions

Conversions Part 2

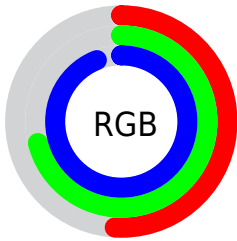
Format	Color
R _Y B	130, 165, 240
Decimal	8566256
CIE Lab	72.29, -1.35, -34.62
CIE LCh	72, 34.643, 267.772
Yxy	44.0848, 0.2378, 0.2529
Android (android.graphics.Color)	4286756336 (0xFF82B5F0)
YUV	172.4770, 33.2888, -37.2523
Hunter-Lab	66.3964, -4.7382, -32.7845

Details

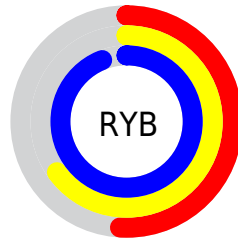
The YUV color $172.4770, 33.2888, -37.2523$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $197.5230, -33.2888, 37.2523$, and the grayscale version is $172.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $224.1020, 15.2327, -32.5385$, and $117.9390, 32.5681, -39.4115$ is the 20% darker color. If you saturate the color by 10%, you get $157.6700, 40.5887, -45.3146$, and if you desaturate by 10%, it is $187.2840, 25.9890, -29.1901$.

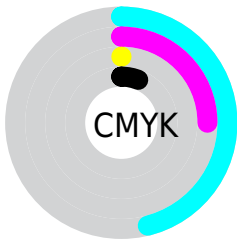
Distribution



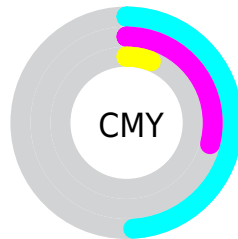
- Red (51%)
- Green (71%)
- Blue (94%)



- Red (51%)
- Yellow (65%)
- Blue (94%)



- Cyan (46%)
- Magenta (25%)
- Yellow (0%)
- Black (6%)



- Cyan (49%)
- Magenta (29%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.4770, 33.2888, -37.2523 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 172.4770, 33.2888, -37.2523 by changing the saturation by 10% instead.

■ 172.4770, 33.2888,
-37.2523

■ 172.4770, 33.2888,
-37.2523

255.0000, 0.0000,
0.0000

■ 145.0640, 32.9994,
-37.7671

■ 224.1020, 15.2327,
-32.5385

■ 117.9390, 32.5681,
-39.4115

■ 243.3390, 5.7489,
-23.9763

■ 90.6180, 32.7263,
-43.5150

■ 252.3090, 1.3267,
-5.5330

■ 61.7800, 33.6325,
-54.1811

■ 45.4290, 29.3685,
-39.8412

■ 30.2520, 24.5258,
-26.5310

■ 14.7160, 20.8460,

-12.9059

■ 5.1640, 14.7091,
-4.5288

■ 1.1400, 4.3680,
-0.9998

■ 172.4770, 33.2888,
-37.2523

■ 172.4770, 33.2888,
-37.2523

■ 157.6700, 40.5887,
-45.3146

■ 187.2840, 25.9890,
-29.1901

■ 142.8630, 47.8885,
-53.3769

■ 202.0910, 18.6891,
-21.1278

■ 128.0560, 55.1884,
-61.4391

■ 216.8980, 11.3893,
-13.0655

■ 113.8360, 62.1989,
-70.0162

■ 231.1180, 4.3788,
-4.4885

■ 99.0290, 69.4987,
-78.0784

■ 245.9250, -2.9210,
3.5738

■ 92.5170, 72.7091,
-81.1374

■ 253.2900, -6.5520,
1.4997

Harmonies

Analogous

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



161.9800, 33.5339, -69.2655



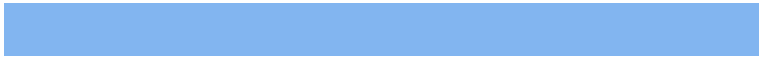
172.4770, 33.2888, -37.2523



179.5740, 26.3390, -1.3804

Triad

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



172.4770, 33.2888, -37.2523



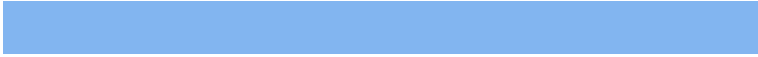
179.4320, -15.0030, 52.2411



167.4740, -12.5587, -31.9877

Complementary

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



172.4770, 33.2888, -37.2523



197.5230, -33.2888, 37.2523

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.



171.9200, -25.5966, -3.4378



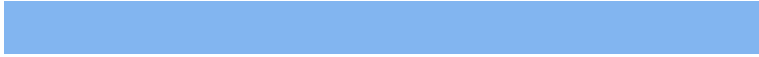
172.4770, 33.2888, -37.2523



178.0920, -26.1744, 42.0153

Square

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



172.4770, 33.2888, -37.2523



181.0090, -0.0044, 48.2271



175.2330, -30.1879, 22.5977



161.5210, 6.1521, -60.0929

Rectangle

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



172.4770, 33.2888, -37.2523



181.1700, 19.1432, 20.0219



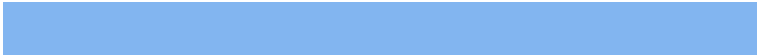
175.2330, -30.1879, 22.5977



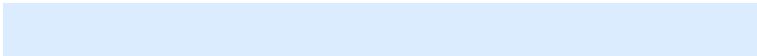
169.2750, -17.3906, -22.1662

Sweetspot

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



172.4770, 33.2888, -37.2523



233.0830, 10.8051, -12.3508



201.2960, -6.0619, -62.5266



114.3780, 6.7156, -7.3475



0.0000, 0.0000, 0.0000



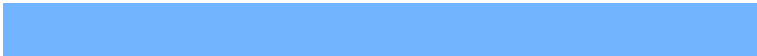
128.0000, 0.0000, 0.0000

Same Dimension

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



172.4770, 33.2888, -37.2523



169.1150, 42.3413, -47.4589



143.7360, 47.4582, -8.5385



112.3030, 3.7946, -3.7737



70.8710, 55.7726, -62.1539



21.6460, 16.9365, -18.9835

Inverse Universe

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



168.7040, 6.0619, 62.5266



164.2700, 7.7549, 79.5702



226.2640, -47.4582, 8.5385



112.1580, 0.4151, 6.8774



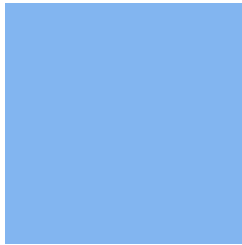
64.7060, 10.0049, 104.6208



19.7080, 3.1020, 31.8281

Previews

White Background



This preview shows how the YUV color 172.4770, 33.2888, -37.2523 looks on a white background.

Color Contrast Check

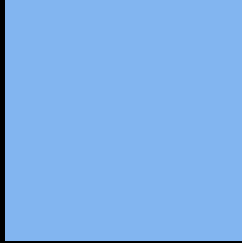
Large Text (above 18pt) WCAG AA × Fail

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 172.4770, 33.2888, -37.2523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

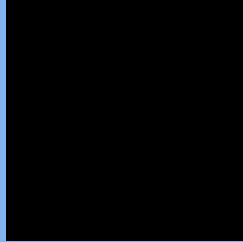
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

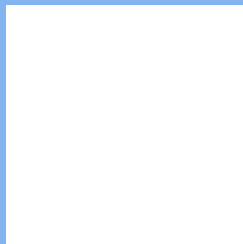
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 172.4770, 33.2888, -37.2523

Background



This preview shows how black text looks on a background with the YUV color 172.4770, 33.2888, -37.2523.



This preview shows how white text looks on a background with the YUV color 172.4770, 33.2888, -37.2523.

-37.2523.

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

172.4770, 33.2888, -37.2523

Protanopia

176.7680, 28.7084, -14.7055

Deuteranopia

176.5550, 31.7714, -17.1497



Tritanopia

169.0790, 16.7231, -43.9193

Trichromacy



Original Color

172.4770, 33.2888, -37.2523

Protanomaly

175.4680, 30.3353, -23.2124

Deuteranomaly

175.3260, 32.3773, -24.8419

Tritanomaly

169.9960, 22.6800, -41.2155

Monochromacy



Original Color

172.4770, 33.2888, -37.2523

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

172.1260, 12.2629, -13.2655

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.4770, 33.2888, -37.2523 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(130, 181, 240)` looks like.

```
.text, #text, p{  
    color:rgb(130, 181, 240)  
}
```

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(130, 181, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 181, 240) }
```

Border

The CSS property to change the border of an element to YUV 172.4770, 33.2888, -37.2523 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(130, 181, 240) }
```


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

```
.border{ border-color:rgb(130, 181, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 181, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 181, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 181, 240);  
box-shadow:4px 4px 4px 4px rgb(130, 181,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 172.4770, 33.2888, -37.2523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 181, 240) }
```

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

```
.background{ background-color: rgb(130,  
181, 240) }
```

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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