

Converting Colors

YUV(172.0520, 37.9354,
-34.2486)

Have a look what the booklet for
YUV(172.0520, 37.9354, -34.2486)
contains.

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Color

**YUV(172.0520, 37.9354,
-34.2486)**

Conversions

Conversions Part 1

Format	Color
Hex	85B1F9
RGB	133, 177, 249
RGB Percent	52%, 69%, 98%
CMY	0.4784, 0.3059, 0.0235
CMYK	0.47, 0.29, 0.00, 0.02
HSL	217°, 91%, 75%
HSV	217°, 47%, 98%
XYZ	42.4939, 43.2704, 95.7349
YIQ	172.0520, -49.3360, 13.0640

Conversions

Conversions Part 2

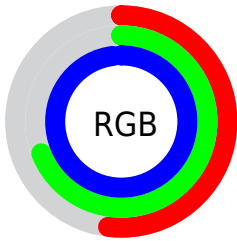
Format	Color
R _Y B	133, 165, 249
Decimal	8761849
CIE Lab	71.74, 4.14, -40.33
CIE LCh	72, 40.542, 275.866
Yxy	43.2704, 0.2341, 0.2384
Android (android.graphics.Color)	4286951929 (0xFF85B1F9)
YUV	172.0520, 37.9354, -34.2486
Hunter-Lab	65.7802, 0.1952, -40.2430

Details

The YUV color $172.0520, 37.9354, -34.2486$ is a light color, and the websafe version is hex $6699CC$. A complement of this color would be $209.9480, -37.9354, 34.2486$, and the grayscale version is $172.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $222.3630, 16.0900, -27.5054$, and $117.6880, 36.6358, -37.4374$ is the 20% darker color. If you saturate the color by 10%, you get $155.7720, 45.9614, -41.8960$, and if you desaturate by 10%, it is $188.3320, 29.9093, -26.6012$.

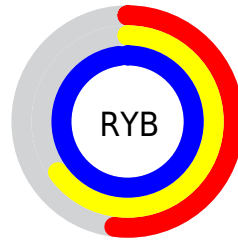
Distribution



Red (52%)

Green (69%)

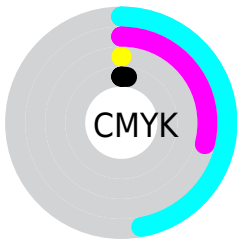
Blue (98%)



Red (52%)

Yellow (65%)

Blue (98%)

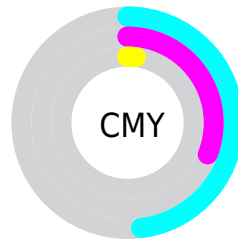


Cyan (47%)

Magenta (29%)

Yellow (0%)

Black (2%)



Cyan (48%)

Magenta (31%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.0520, 37.9354, -34.2486 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 172.0520, 37.9354, -34.2486 by changing the saturation by 10% instead.

■ 172.0520, 37.9354,
-34.2486

■ 172.0520, 37.9354,
-34.2486

255.0000, 0.0000,
0.0000

■ 144.2260, 37.3566,
-35.2782

■ 222.3630, 16.0900,
-27.5054

■ 117.6880, 36.6358,
-37.4374

■ 244.5350, 5.1592,
-21.5172

■ 90.3670, 36.7941,
-41.5409

■ 253.5050, 0.7370,
-3.0739

■ 60.3440, 38.2844,
-52.9217

■ 44.4660, 33.2943,
-38.9967

■ 29.4030, 28.8883,
-25.7864

■ 12.5790, 25.3506,

-11.0318

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 172.0520, 37.9354,
-34.2486

■ 172.0520, 37.9354,
-34.2486

■ 155.7720, 45.9614,
-41.8960

■ 188.3320, 29.9093,
-26.6012

■ 138.9050, 54.2768,
-49.0287

■ 205.1990, 21.5939,
-19.4685

■ 122.6250, 62.3029,
-56.6761

■ 221.4790, 13.5679,
-11.8211

■ 105.7580, 70.6183,
-63.8088

■ 238.3460, 5.2524,
-4.6884

■ 89.4780, 78.6443,
-71.4562

■ 253.7290, -2.3314,
1.1147

■ 83.5640, 81.5599,
-73.2856

■ 254.3160, -2.6208,
0.5999

Harmonies

Analogous

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



156.1830, 42.3078, -83.4755



172.0520, 37.9354, -34.2486



179.0960, 28.0537, 8.6858

Triad

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



172.0520, 37.9354, -34.2486



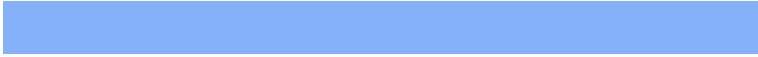
177.4560, -21.4238, 58.3591



161.7000, -8.7261, -47.9719

Complementary

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



172.0520, 37.9354, -34.2486



209.9480, -37.9354, 34.2486

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.



167.9250, -26.5850, -13.0892



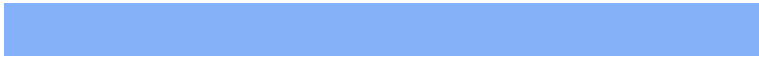
172.0520, 37.9354, -34.2486



175.3820, -32.7263, 43.5150

Square

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



172.0520, 37.9354, -34.2486



179.2230, -4.5469, 58.5634



172.5330, -35.2658, 17.9496



149.8640, 15.8430, -88.4577

Rectangle

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



172.0520, 37.9354, -34.2486



180.7200, 18.3790, 31.8176



172.5330, -35.2658, 17.9496



164.0560, -15.3106, -36.0061

Sweetspot

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



172.0520, 37.9354, -34.2486



231.3220, 11.6733, -10.8064



209.3000, -2.1199, -66.9151



113.2040, 7.2944, -6.3179



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.



172.0520, 37.9354, -34.2486



160.0000, 46.8350, -42.0960



150.4100, 48.6049, -2.9906



116.4170, 4.2314, -3.8737



63.8100, 61.7187, -55.9614



20.4550, 19.9887, -17.9390

Inverse Universe

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



172.7000, 2.1199, 66.9151



160.9130, 2.5079, 82.5143



231.5900, -48.6049, 2.9906



116.4570, 0.2677, 7.4922



64.7190, 3.5895, 108.9944



20.8610, 1.0545, 35.2019

Previews

White Background



This preview shows how the YUV color 172.0520, 37.9354, -34.2486 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 172.0520, 37.9354, -34.2486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

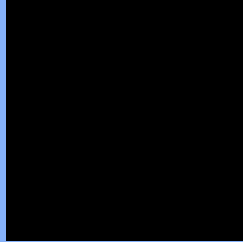
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

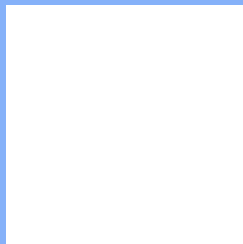
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 172.0520, 37.9354, -34.2486

Background



This preview shows how black text looks on a background with the YUV color 172.0520, 37.9354, -34.2486.



This preview shows how white text looks on a background with the YUV color 172.0520, 37.9354, -34.2486.

-34.2486.

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

172.0520, 37.9354, -34.2486

Protanopia

175.3420, 34.8344, -19.5939

Deuteranopia

174.0040, 37.4660, -23.6825



Tritanopia

167.6770, 16.4282, -42.6897

Trichromacy



Original Color

172.0520, 37.9354, -34.2486

Protanomaly

173.9500, 36.0137, -24.5121

Deuteranomaly

173.0960, 37.9137, -27.2712

Tritanomaly

169.3490, 23.9849, -39.7711

Monochromacy



Original Color

172.0520, 37.9354, -34.2486

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

172.1800, 13.7153, -12.4359

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.0520, 37.9354, -34.2486 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(133, 177, 249)` looks like.

```
.text, #text, p{  
    color:rgb(133, 177, 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(133, 177, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 177, 249) }
```

Border

The CSS property to change the border of an element to YUV 172.0520, 37.9354, -34.2486 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(133, 177, 249) }
```


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

```
.border{ border-color:rgb(133, 177, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 177, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 177, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 177, 249);  
box-shadow:4px 4px 4px 4px rgb(133, 177,  
249) }
```

Background

The CSS property to change the background color of an element to YUV 172.0520, 37.9354, -34.2486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 177, 249) }
```

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

```
.background{ background-color: rgb(133,  
177, 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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