

Converting Colors

YUV(172.5530, 34.7304,
-32.9340)

Have a look what the booklet for
YUV(172.5530, 34.7304, -32.9340)
contains.

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Color

**YUV(172.5530, 34.7304,
-32.9340)**

Conversions

Conversions Part 1

Format	Color
Hex	87B2F3
RGB	135, 178, 243
RGB Percent	53%, 70%, 95%
CMY	0.4706, 0.3020, 0.0471
CMYK	0.44, 0.27, 0.00, 0.05
HSL	216°, 82%, 74%
HSV	216°, 44%, 95%
XYZ	42.0897, 43.4628, 90.9648
YIQ	172.5530, -46.4930, 11.0990

Conversions

Conversions Part 2

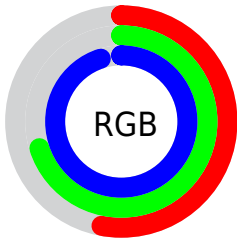
Format	Color
RYB	135, 166, 243
Decimal	8893171
CIELab	71.87, 2.37, -36.87
CIELCh	72, 36.945, 273.675
Yxy	43.4628, 0.2384, 0.2462
Android (android.graphics.Color)	4287083251 (0xFF87B2F3)
YUV	172.5530, 34.7304, -32.9340
Hunter-Lab	65.9263, -1.4101, -35.6597

Details

The YUV color **172.5530, 34.7304, -32.9340** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **205.4470, -34.7304, 32.9340**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.8360, 15.3639, -27.9202**, and **118.6020, 33.7202, -35.6080** is the 20% darker color. If you saturate the color by 10%, you get **156.5720, 42.6090, -39.9666**, and if you desaturate by 10%, it is **188.5340, 26.8517, -25.9013**.

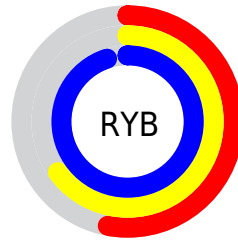
Distribution



Red (53%)

Green (70%)

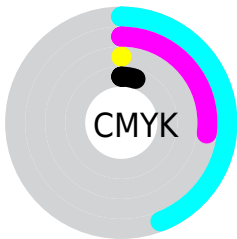
Blue (95%)



Red (53%)

Yellow (65%)

Blue (95%)

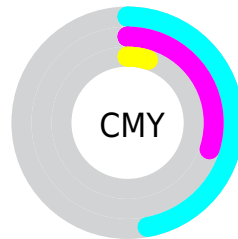


Cyan (44%)

Magenta (27%)

Yellow (0%)

Black (5%)



Cyan (47%)

Magenta (30%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.5530, 34.7304, -32.9340 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 172.5530, 34.7304, -32.9340 by changing the saturation by 10% instead.

■ 172.5530, 34.7304,
-32.9340

■ 172.5530, 34.7304,
-32.9340

255.0000, 0.0000,
0.0000

■ 145.0260, 34.0042,
-33.3488

■ 223.8360, 15.3639,
-27.9202

■ 118.6020, 33.7202,
-35.6080

■ 244.8340, 5.0118,
-20.9024

■ 91.7650, 33.1469,
-38.3819

■ 253.8040, 0.5896,
-2.4591

■ 60.6600, 35.6636,
-52.3218

■ 44.4830, 30.8209,
-39.0116

■ 29.4200, 26.4149,
-25.8013

■ 12.5960, 22.8772,

-11.0467

■ 5.3920, 15.5827,
-4.7288

■ 2.0690, 5.3890,
-1.8145

■ 172.5530, 34.7304,
-32.9340

■ 172.5530, 34.7304,
-32.9340

■ 156.5720, 42.6090,
-39.9666

■ 188.5340, 26.8517,
-25.9013

■ 140.8790, 50.3457,
-48.1289

■ 204.2270, 19.1151,
-17.7391

■ 124.8980, 58.2243,
-55.1615

■ 220.2080, 11.2365,
-10.7064

■ 108.9170, 66.1029,
-62.1942

■ 235.6020, 3.6472,
-3.1590

■ 93.5230, 73.6922,
-69.7417

■ 251.2840, -4.0840,
3.2589

■ 84.6410, 78.0710,
-74.2302

■ 253.6320, -5.2416,
1.1997

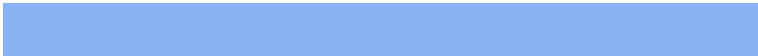
Harmonies

Analogous

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



160.8810, 37.0337, -71.8096



172.5530, 34.7304, -32.9340



179.5040, 25.8805, 5.6970

Triad

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



172.5530, 34.7304, -32.9340



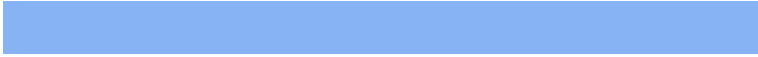
178.1180, -18.7922, 54.2705



164.5160, -9.6214, -40.7945

Complementary

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



172.5530, 34.7304, -32.9340



205.4470, -34.7304, 32.9340

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.



169.7020, -24.9961, -9.3857



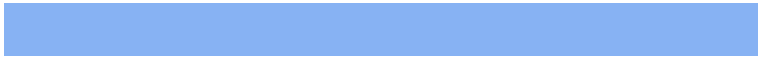
172.5530, 34.7304, -32.9340



176.1690, -29.6633, 41.0708

Square

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



172.5530, 34.7304, -32.9340



179.8310, -3.3677, 53.6452



173.3420, -32.2136, 18.9941



156.4100, 11.1369, -72.2736

Rectangle

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



172.5530, 34.7304, -32.9340



180.7580, 17.3743, 27.3992



173.3420, -32.2136, 18.9941



166.3880, -15.4743, -30.1583

Sweetspot

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



172.5530, 34.7304, -32.9340



233.3930, 10.6523, -9.9917



205.8060, -2.8624, -62.0969



114.0900, 6.8576, -6.2179



0.0000, 0.0000, 0.0000



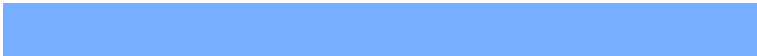
128.0000, 0.0000, 0.0000

Same Dimension

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



172.5530, 34.7304, -32.9340



167.0880, 43.3406, -41.2962



150.6010, 45.5527, -4.0351



114.3030, 3.7946, -3.7737



64.6420, 59.8295, -56.6910



20.2270, 19.1151, -17.7391

Inverse Universe

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



172.1940, 2.8624, 62.0969



166.5210, 3.6871, 77.5961



227.3990, -45.5527, 4.0351



114.1580, 0.4151, 6.8774



64.0500, 4.9054, 106.9502



20.2630, 1.3493, 33.9723

Previews

White Background



This preview shows how the YUV color 172.5530, 34.7304, -32.9340 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 172.5530, 34.7304, -32.9340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

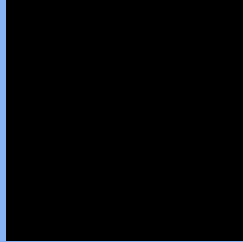
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

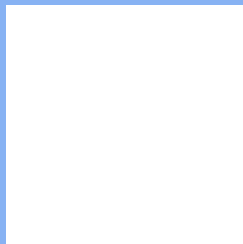
Any Text WCAG AAA ✓ Pass

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

YUV 172.5530, 34.7304, -32.9340 Background



This preview shows how black text looks on a background with the YUV color 172.5530, 34.7304, -32.9340.



This preview shows how white text looks on a background with the YUV color 172.5530, 34.7304, -32.9340.

-32.9340.

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

172.5530, 34.7304, -32.9340

Protanopia

175.4410, 31.3346, -17.0498

Deuteranopia

175.1140, 33.9608, -19.3940



Tritanopia

168.8730, 15.8386, -40.2306

Trichromacy



Original Color

172.5530, 34.7304, -32.9340

Protanomaly

174.3370, 32.3719, -23.0975

Deuteranomaly

174.1950, 34.4139, -24.7270

Tritanomaly

170.0180, 22.6691, -37.7268

Monochromacy



Original Color

172.5530, 34.7304, -32.9340

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

172.8380, 12.4049, -12.1359

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.5530, 34.7304, -32.9340 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(135, 178, 243)` looks like.

```
.text, #text, p{  
    color:rgb(135, 178, 243)  
}
```

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(135, 178, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 178, 243) }
```

Border

The CSS property to change the border of an element to YUV 172.5530, 34.7304, -32.9340 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(135, 178, 243) }
```


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

```
.border{ border-color:rgb(135, 178, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 178, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 178, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 178, 243);  
box-shadow:4px 4px 4px 4px rgb(135, 178,  
243) }
```

Background

The CSS property to change the background color of an element to YUV 172.5530, 34.7304, -32.9340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 178, 243) }
```

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

```
.background{ background-color: rgb(135,  
178, 243) }
```

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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