

Converting Colors

YUV(172.6720, 34.1787,
-42.6853)

Have a look what the booklet for
YUV(172.6720, 34.1787, -42.6853)
contains.

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Color

**YUV(172.6720, 34.1787,
-42.6853)**

Conversions

Conversions Part 1

Format	Color
Hex	7CB8F2
RGB	124, 184, 242
RGB Percent	49%, 72%, 95%
CMY	0.5137, 0.2784, 0.0510
CMYK	0.49, 0.24, 0.00, 0.05
HSL	209°, 82%, 72%
HSV	209°, 49%, 95%
XYZ	41.4797, 44.9769, 90.4996
YIQ	172.6720, -54.3780, 5.3180

Conversions

Conversions Part 2

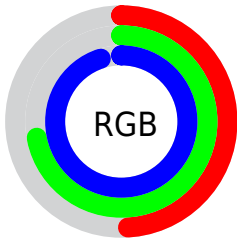
Format	Color
RYB	124, 164, 242
Decimal	8173810
CIELab	72.88, -3.83, -34.81
CIELCh	73, 35.018, 263.720
Yxy	44.9769, 0.2344, 0.2542
Android (android.graphics.Color)	4286363890 (0xFF7CB8F2)
YUV	172.6720, 34.1787, -42.6853
Hunter-Lab	67.0648, -6.9609, -33.0626

Details

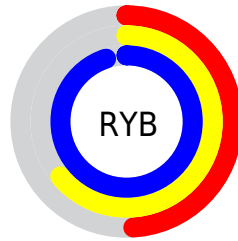
The YUV color **172.6720, 34.1787, -42.6853** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **193.3280, -34.1787, 42.6853**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.3680, 15.1016, -37.1567**, and **117.5360, 33.7528, -46.0741** is the 20% darker color. If you saturate the color by 10%, you get **158.4520, 41.1892, -51.2624**, and if you desaturate by 10%, it is **186.8920, 27.1682, -34.1083**.

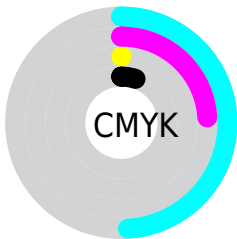
Distribution



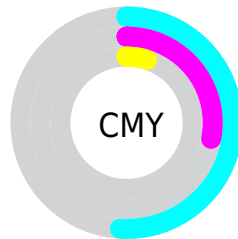
- Red (49%)
- Green (72%)
- Blue (95%)



- Red (49%)
- Yellow (64%)
- Blue (95%)



- Cyan (49%)
- Magenta (24%)
- Yellow (0%)
- Black (5%)



- Cyan (51%)
- Magenta (28%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.6720, 34.1787, -42.6853 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 172.6720, 34.1787, -42.6853 by changing the saturation by 10% instead.

■ 172.6720, 34.1787,
-42.6853

■ 172.6720, 34.1787,
-42.6853

255.0000, 0.0000,
0.0000

■ 144.8460, 33.5999,
-43.7149

■ 224.3680, 15.1016,
-37.1567

■ 117.5360, 33.7528,
-46.0741

■ 241.8440, 6.4859,
-27.0502

■ 88.7200, 34.6480,
-53.2514

■ 250.8140, 2.0637,
-8.6069

■ 63.1820, 33.9273,
-55.4106

■ 46.8310, 29.6633,
-41.0708

■ 31.6540, 24.8206,
-27.7606

■ 16.7050, 20.8514,

-14.6503

■ 5.3920, 15.5827,
-4.7288

■ 2.0690, 5.3890,
-1.8145

■ 172.6720, 34.1787,
-42.6853

■ 172.6720, 34.1787,
-42.6853

■ 158.4520, 41.1892,
-51.2624

■ 186.8920, 27.1682,
-34.1083

■ 144.2320, 48.1996,
-59.8395

■ 201.1120, 20.1578,
-25.5312

■ 129.7130, 55.3575,
-69.0313

■ 215.6310, 12.9999,
-16.3394

■ 115.4930, 62.3680,
-77.6084

■ 229.8510, 5.9895,
-7.7623

■ 101.8600, 69.0890,
-86.7002

■ 243.4840, -0.7316,
1.3295

■ 99.7890, 70.1100,
-87.5150

■ 253.5180, -5.6784,
1.2997

Harmonies

Analogous

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



162.2460, 33.4027, -73.8837



172.6720, 34.1787, -42.6853



180.5950, 27.8077, -5.7838

Triad

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



172.6720, 34.1787, -42.6853



181.6000, -13.1138, 52.9708



169.6270, -14.6061, -28.6139

Complementary

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



172.6720, 34.1787, -42.6853



193.3280, -34.1787, 42.6853

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.



174.1870, -27.2072, -0.1640



172.6720, 34.1787, -42.6853



179.9290, -25.6010, 44.7893

Square

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



172.6720, 34.1787, -42.6853



183.1660, 1.8902, 47.2124



177.7280, -30.9249, 25.6715



163.8480, 3.5259, -57.7487

Rectangle

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



172.6720, 34.1787, -42.6853



182.6040, 20.9012, 16.1333



177.7280, -30.9249, 25.6715



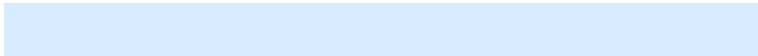
171.4280, -19.4380, -18.7924

Sweetspot

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



172.6720, 34.1787, -42.6853



232.4850, 11.0999, -13.5803



199.7640, -9.2507, -66.4450



114.0790, 6.8631, -7.9623



0.0000, 0.0000, 0.0000



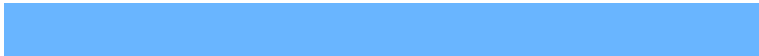
128.0000, 0.0000, 0.0000

Same Dimension

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



172.6720, 34.1787, -42.6853



166.7120, 43.5260, -54.1214



138.6260, 50.9634, -12.8270



112.8900, 3.5052, -4.2885



75.5670, 53.4575, -66.2723



23.4070, 16.0683, -20.5279

Inverse Universe

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



166.1220, 8.8139, 66.5450



158.5140, 11.0856, 84.6182



227.3740, -50.9634, 12.8270



112.2720, 0.8519, 6.7775



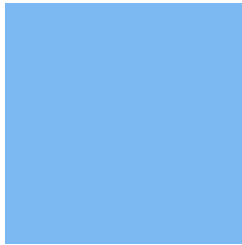
65.6180, 13.4993, 103.8210



20.0500, 4.4123, 31.5282

Previews

White Background



This preview shows how the YUV color 172.6720, 34.1787, -42.6853 looks on a white background.

Color Contrast Check

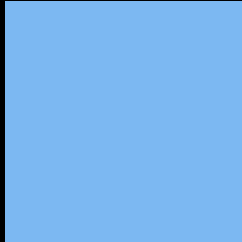
Large Text (above 18pt) WCAG AA × Fail

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 172.6720, 34.1787, -42.6853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

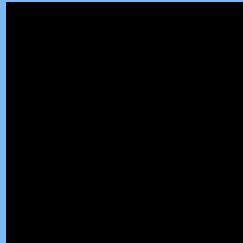
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

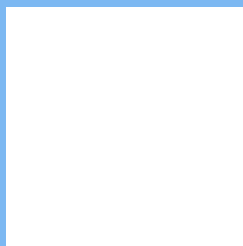
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 172.6720, 34.1787, -42.6853

Background



This preview shows how black text looks on a background with the YUV color 172.6720, 34.1787, -42.6853.



This preview shows how white text looks on a background with the YUV color 172.6720, 34.1787, -42.6853.

-42.6853.

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

172.6720, 34.1787, -42.6853

Protanopia

178.6540, 28.2716, -14.6056

Deuteranopia

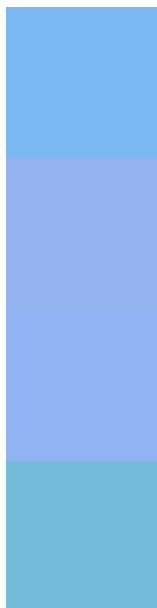
178.3700, 32.3556, -17.8645



Tritanopia

169.3880, 18.0497, -49.4523

Trichromacy



Original Color

172.6720, 34.1787, -42.6853

Protanomaly

176.4570, 30.3407, -24.9568

Deuteranomaly

176.4290, 32.8195, -26.6862

Tritanomaly

170.3050, 24.0066, -46.7485

Monochromacy



Original Color

172.6720, 34.1787, -42.6853

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

172.8160, 12.4157, -15.6246

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.6720, 34.1787, -42.6853 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(124, 184, 242)` looks like.

```
.text, #text, p{  
    color:rgb(124, 184, 242)  
}
```

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(124, 184, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 184, 242) }
```

Border

The CSS property to change the border of an element to YUV 172.6720, 34.1787, -42.6853 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(124, 184, 242) }
```


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

```
.border{ border-color:rgb(124, 184, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 184, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 184, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 184, 242);  
box-shadow:4px 4px 4px 4px rgb(124, 184,  
242) }
```

Background

The CSS property to change the background color of an element to YUV 172.6720, 34.1787, -42.6853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 184, 242) }
```

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

```
.background{ background-color: rgb(124,  
184, 242) }
```

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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