

Converting Colors

YUV(170.5780, 36.6900,
-54.8809)

Have a look what the booklet for
YUV(170.5780, 36.6900, -54.8809)
contains.

YUV(170.5780, 36.6900, -54.8809)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(170.5780, 36.6900,
-54.8809)**

Conversions

Conversions Part 1

Format	Color
Hex	6CBCF5
RGB	108, 188, 245
RGB Percent	42%, 74%, 96%
CMY	0.5765, 0.2627, 0.0392
CMYK	0.56, 0.23, 0.00, 0.04
HSL	205°, 87%, 69%
HSV	205°, 56%, 96%
XYZ	40.6490, 45.7472, 93.0739
YIQ	170.5780, -65.9770, 0.7670

Conversions

Conversions Part 2

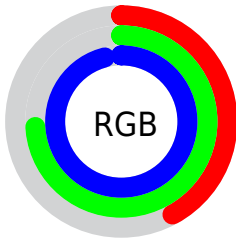
Format	Color
RYB	108, 159, 245
Decimal	7126261
CIELab	73.38, -8.55, -35.70
CIELCh	73, 36.715, 256.528
Yxy	45.7472, 0.2265, 0.2549
Android (android.graphics.Color)	4285316341 (0xFF6CBCF5)
YUV	170.5780, 36.6900, -54.8809
Hunter-Lab	67.6366, -11.0873, -34.2425

Details

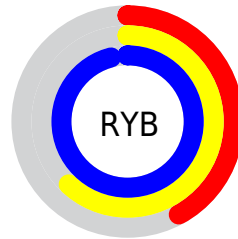
The YUV color **170.5780, 36.6900, -54.8809** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **182.4220, -36.6900, 54.8809**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.5300, 16.0077, -47.8228**, and **112.6370, 37.1540, -63.7026** is the 20% darker color. If you saturate the color by 10%, you get **157.5320, 43.1217, -64.4876**, and if you desaturate by 10%, it is **183.6240, 30.2584, -45.2742**.

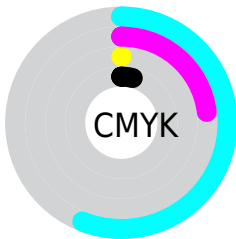
Distribution



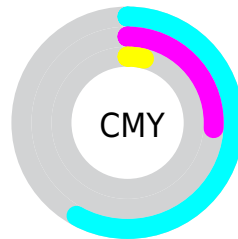
- Red (42%)
- Green (74%)
- Blue (96%)



- Red (42%)
- Yellow (62%)
- Blue (96%)



- Cyan (56%)
- Magenta (23%)
- Yellow (0%)
- Black (4%)



- Cyan (58%)
- Magenta (26%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.5780, 36.6900, -54.8809 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 170.5780, 36.6900, -54.8809 by changing the saturation by 10% instead.

■ 170.5780, 36.6900,
-54.8809

■ 170.5780, 36.6900,
-54.8809

■ 255.0000, 0.0000,
0.0000

■ 142.1540, 36.4061,
-57.1401

■ 222.5300, 16.0077,
-47.8228

■ 112.6370, 37.1540,
-63.7026

■ 237.6580, 8.5496,
-35.6571

■ 82.9240, 38.4915,
-72.7243

■ 246.6280, 4.1274,
-17.2138

■ 65.2850, 34.3695,
-57.2549

■ 48.8200, 29.6687,
-42.8151

■ 33.7570, 25.2628,
-29.6049

■ 19.2810, 20.5675,

-16.9094

■ 6.2070, 16.1669,
-5.4435

■ 2.4110, 6.6994,
-2.1144

■ 170.5780, 36.6900,
-54.8809

■ 170.5780, 36.6900,
-54.8809

■ 157.5320, 43.1217,
-64.4876

■ 183.6240, 30.2584,
-45.2742

■ 144.1870, 49.7008,
-74.7090

■ 196.9690, 23.6793,
-35.0528

■ 130.2550, 56.5693,
-84.4156

■ 210.9010, 16.8108,
-25.3462

■ 117.2090, 63.0010,
-94.0223

■ 223.9470, 10.3791,
-15.7395

■ 111.8710, 65.6326,
-98.1109

■ 237.2920, 3.8000,
-5.5181

■ 250.3380, -2.6316,
4.0886

■ 253.8600, -4.3680,
0.9998

Harmonies

Analogous

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



158.3970, 34.3143, -86.2942



170.5780, 36.6900, -54.8809



180.1530, 31.4766, -15.9202

Triad

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



170.5780, 36.6900, -54.8809



183.4200, -10.0671, 55.7597



172.1070, -19.2798, -22.8958

Complementary

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



170.5780, 36.6900, -54.8809



182.4220, -36.6900, 54.8809

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.



176.1340, -30.1391, 6.8985



170.5780, 36.6900, -54.8809



181.7170, -24.0175, 50.2372

Square

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



170.5780, 36.6900, -54.8809



184.8930, 5.9688, 45.6978



179.2450, -31.6728, 32.2341



165.6160, -1.2897, -53.1602

Rectangle

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



170.5780, 36.6900, -54.8809



183.8850, 24.7067, 8.8709



179.2450, -31.6728, 32.2341



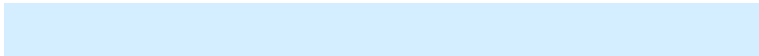
173.3210, -23.8223, -12.5595

Sweetspot

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



170.5780, 36.6900, -54.8809



231.5770, 11.5475, -17.1690



194.6890, -15.6227, -76.0263



113.7690, 7.0159, -10.3214



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.



170.5780, 36.6900, -54.8809



162.1940, 45.7534, -68.5761



131.8360, 55.7899, -20.9042



115.4770, 3.2158, -4.8033



85.1870, 49.7008, -74.7090



26.6840, 15.9318, -23.4019

Inverse Universe

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



158.0830, 14.7491, 76.2262



146.5290, 18.4732, 95.1291



221.1640, -55.7899, 20.9042



114.3860, 1.2887, 6.6775



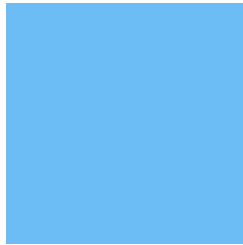
68.0400, 20.1933, 103.4509



21.5170, 6.1541, 32.8726

Previews

White Background



This preview shows how the YUV color 170.5780, 36.6900, -54.8809 looks on a white background.

Color Contrast Check

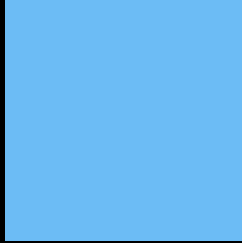
Large Text (above 18pt) WCAG AA × Fail

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 170.5780, 36.6900, -54.8809 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

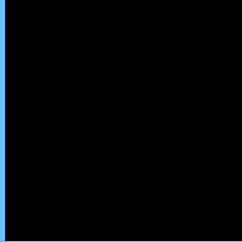
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 170.5780, 36.6900, -54.8809

Background



This preview shows how black text looks on a background with the YUV color 170.5780, 36.6900, -54.8809.



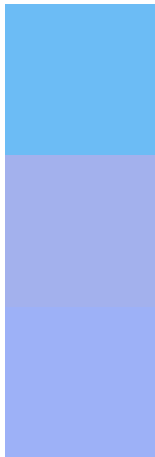
This preview shows how white text looks on a background with the YUV color 170.5780, 36.6900, -54.8809.

-54.8809.

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

170.5780, 36.6900, -54.8809

Protanopia

179.6540, 28.2716, -14.6056

Deuteranopia

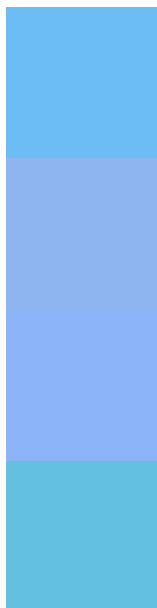
179.0000, 33.5240, -19.2940



Tritanopia

165.9240, 21.7295, -63.0773

Trichromacy



Original Color

170.5780, 36.6900, -54.8809

Protanomaly

176.3640, 31.3725, -29.2602

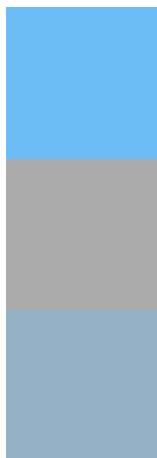
Deuteranomaly

175.8520, 34.5830, -32.3192

Tritanomaly

167.7270, 27.2496, -60.2736

Monochromacy



Original Color

170.5780, 36.6900, -54.8809

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

170.7230, 13.4476, -19.9281

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.5780, 36.6900, -54.8809 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(108, 188, 245)` looks like.

```
.text, #text, p{  
    color:rgb(108, 188, 245)  
}
```

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(108, 188, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 188, 245) }
```

Border

The CSS property to change the border of an element to YUV 170.5780, 36.6900, -54.8809 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(108, 188, 245) }
```


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

```
.border{ border-color:rgb(108, 188, 245) }
```

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

Here you see how a box with a 4 pixel rgb(108, 188, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 188, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 188, 245);  
box-shadow:4px 4px 4px 4px rgb(108, 188,  
245) }
```

Background

The CSS property to change the background color of an element to YUV 170.5780, 36.6900, -54.8809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 188, 245) }
```

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

```
.background{ background-color: rgb(108,  
188, 245) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor