

Converting Colors

YUV(134.5720, 59.3710,
-49.6136)

Have a look what the booklet for
YUV(134.5720, 59.3710, -49.6136)
contains.

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Color

**YUV(134.5720, 59.3710,
-49.6136)**

Conversions

Conversions Part 1

Format	Color
Hex	4E8CFF
RGB	78, 140, 255
RGB Percent	31%, 55%, 100%
CMY	0.6941, 0.4510, 0.0000
CMYK	0.69, 0.45, 0.00, 0.00
HSL	219°, 100%, 65%
HSV	219°, 69%, 100%
XYZ	30.5700, 27.5959, 98.3231
YIQ	134.5720, -73.8670, 22.6210

Conversions

Conversions Part 2

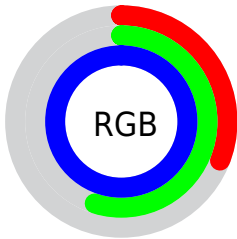
Format	Color
R _Y B	78, 124, 255
Decimal	5147903
CIE Lab	59.52, 17.05, -63.10
CIE LCh	60, 65.366, 285.120
Yxy	27.5959, 0.1953, 0.1763
Android (android.graphics.Color)	4283337983 (0xFF4E8CFF)
YUV	134.5720, 59.3710, -49.6136
Hunter-Lab	52.5318, 11.9444, -74.2001

Details

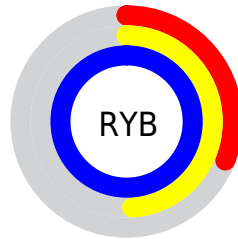
The YUV color **134.5720, 59.3710, -49.6136** is a light color, and the websafe version is hex **6699FF**. The color can be described as light washed azure. A complement of this color would be **198.4280, -59.3710, 49.6136**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.7160, 34.1570, -35.7079**, and **75.8750, 59.7146, -66.5424** is the 20% darker color. If you saturate the color by 10%, you get **117.1180, 67.9758, -56.2315**, and if you desaturate by 10%, it is **152.3250, 50.6188, -42.3810**.

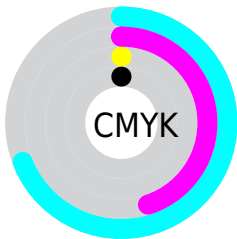
Distribution



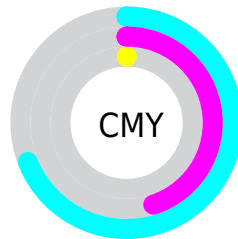
- Red (31%)
- Green (55%)
- Blue (100%)



- Red (31%)
- Yellow (49%)
- Blue (100%)



- Cyan (69%)
- Magenta (45%)
- Yellow (0%)
- Black (0%)



- Cyan (69%)
- Magenta (45%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 134.5720, 59.3710, -49.6136 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 134.5720, 59.3710, -49.6136 by changing the saturation by 10% instead.

■ 134.5720, 59.3710,
-49.6136

■ 134.5720, 59.3710,
-49.6136

255.0000, 0.0000,
0.0000

■ 102.8370, 60.7194,
-62.1240

■ 185.7160, 34.1570,
-35.7079

■ 75.8750, 59.7146,
-66.5424

■ 211.4210, 21.4844,
-31.0642

■ 59.2960, 54.5771,
-52.0026

■ 237.1260, 8.8119,
-26.4205

■ 43.8910, 48.8607,
-38.4924

■ 249.9170, 2.5059,
-10.4512

■ 29.6600, 42.5656,
-26.0118

■ 11.5480, 39.1698,
-10.1276

■ 11.6330, 26.8029,

-10.2021

■ 6.6630, 17.9141,
-5.8435

■ 3.0950, 9.3202,
-2.7143

■ 134.5720, 59.3710,
-49.6136

■ 134.5720, 59.3710,
-49.6136

■ 117.1180, 67.9758,
-56.2315

■ 152.3250, 50.6188,
-42.3810

■ 99.9520, 76.4387,
-63.9789

■ 169.1920, 42.3033,
-35.2484

■ 82.4980, 85.0435,
-70.5967

■ 186.9450, 33.5511,
-28.0158

■ 81.3130, 85.6277,
-71.3115

■ 203.8120, 25.2357,
-20.8831

■ 221.5650, 16.4835,
-13.6505

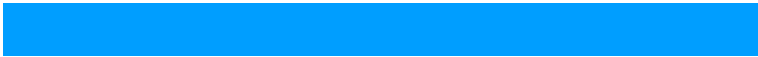
■ 238.4320, 8.1680,
-6.5179

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



121.8160, 65.6597, -106.8326



134.5720, 59.3710, -49.6136



146.9860, 38.4609, 30.7073

Triad

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



134.5720, 59.3710, -49.6136



138.4730, -37.2082, 81.1462



111.3840, 0.3037, -97.6838

Complementary

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



134.5720, 59.3710, -49.6136



198.4280, -59.3710, 49.6136

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.



124.0880, -34.0604, -42.1732



134.5720, 59.3710, -49.6136



136.0970, -60.6868, 51.6579

Square

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



134.5720, 59.3710, -49.6136



137.3740, -10.0444, 95.2650



131.1060, -64.6353, 11.3080



119.3980, 25.9328, -104.7120

Rectangle

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



134.5720, 59.3710, -49.6136



144.7210, 23.8015, 66.0197



131.1060, -64.6353, 11.3080



108.5170, -8.1429, -95.1694

Sweetspot

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



134.5720, 59.3710, -49.6136



218.3090, 18.0887, -15.1800



194.6670, -2.3008, -102.3170



106.1050, 10.7942, -8.8621



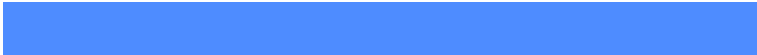
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



134.5720, 59.3710, -49.6136



110.6060, 71.1862, -59.2905



105.3540, 73.7755, -2.9415



118.8300, 4.5208, -3.3589



61.1030, 64.0392, -53.5873



20.2100, 21.5885, -17.7242

Inverse Universe

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



137.9910, 0.9904, 102.6169



114.8240, 1.0728, 122.9344



227.6460, -73.7755, 2.9415



119.3430, -0.1691, 7.5922



64.7470, 1.1107, 110.7239



21.6440, 0.1755, 37.1462

Previews

White Background



This preview shows how the YUV color 134.5720, 59.3710, -49.6136 looks on a white background.

Color Contrast Check

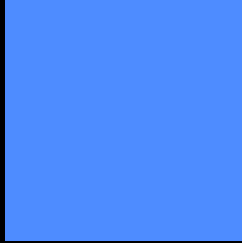
Large Text (above 18pt) WCAG AA ✓ Pass

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 134.5720, 59.3710, -49.6136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

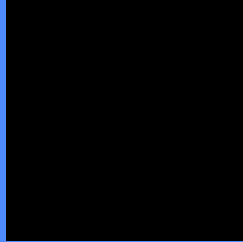
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

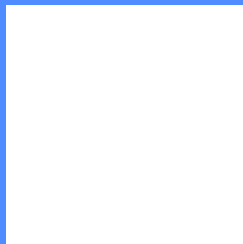
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 134.5720, 59.3710, -49.6136

Background



This preview shows how black text looks on a background with the YUV color 134.5720, 59.3710, -49.6136.



This preview shows how white text looks on a background with the YUV color 134.5720, 59.3710, -49.6136.

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

134.5720, 59.3710, -49.6136

Protanopia

136.8610, 57.7495, -42.8511

Deuteranopia

124.8350, 63.6783, -77.9083



Tritanopia

112.2400, 28.9687, -98.4345

Trichromacy



Original Color

134.5720, 59.3710, -49.6136

Protanomaly

135.6650, 58.3392, -45.3102

Deuteranomaly

128.1460, 62.0460, -67.6570

Tritanomaly

120.0370, 40.4078, -80.7164

Monochromacy



Original Color

134.5720, 59.3710, -49.6136

Achromatopsia

135.0000, 0.0000, 0.0000

Achromatomaly

134.9110, 21.7359, -18.3389

CSS Examples

Text

The CSS property to change the color of the text to YUV 134.5720, 59.3710, -49.6136 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(78, 140, 255)` looks like.

```
.text, #text, p{  
    color:rgb(78, 140, 255)  
}
```

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(78, 140, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 140, 255) }
```

Border

The CSS property to change the border of an element to YUV 134.5720, 59.3710, -49.6136 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(78, 140, 255) }
```


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

```
.border{ border-color:rgb(78, 140, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 140, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 140, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 140, 255);  
box-shadow:4px 4px 4px 4px rgb(78, 140,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 134.5720, 59.3710, -49.6136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 140, 255) }
```

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

```
.background{ background-color: rgb(78, 140,  
255) }
```

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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