

Converting Colors

YUV(133.9520, 59.6767,
-54.3319)

Have a look what the booklet for
YUV(133.9520, 59.6767, -54.3319)
contains.

YUV(133.9520, 59.6767, -54.3319)	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(133.9520, 59.6767,
-54.3319)**

Conversions

Conversions Part 1

Format	Color
Hex	488EFF
RGB	72, 142, 255
RGB Percent	28%, 56%, 100%
CMY	0.7176, 0.4431, 0.0000
CMYK	0.72, 0.44, 0.00, 0.00
HSL	217°, 100%, 64%
HSV	217°, 72%, 100%
XYZ	30.3955, 27.9437, 98.3994
YIQ	133.9520, -77.9930, 20.3030

Conversions

Conversions Part 2

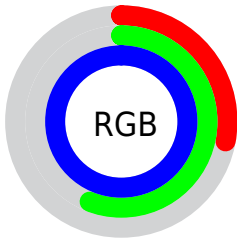
Format	Color
R _Y B	72, 123, 255
Decimal	4755199
CIE Lab	59.84, 15.03, -62.61
CIE LCh	60, 64.388, 283.503
Yxy	27.9437, 0.1939, 0.1783
Android (android.graphics.Color)	4282945279 (0xFF488EFF)
YUV	133.9520, 59.6767, -54.3319
Hunter-Lab	52.8618, 10.1291, -73.3618

Details

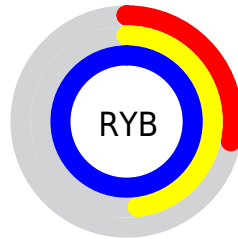
The YUV color **133.9520, 59.6767, -54.3319** is a light color, and the websafe version is hex **6699FF**. The color can be described as light washed azure. A complement of this color would be **193.0480, -59.6767, 54.3319**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.3950, 34.3153, -39.8114**, and **77.0490, 59.1358, -67.5720** is the 20% darker color. If you saturate the color by 10%, you get **117.0850, 67.9921, -61.4645**, and if you desaturate by 10%, it is **151.1180, 51.2138, -46.5845**.

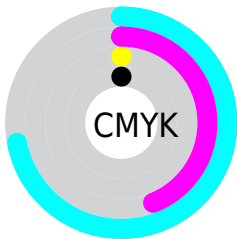
Distribution



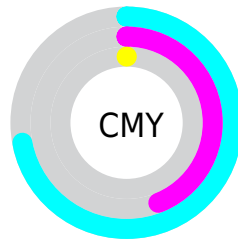
- Red (28%)
- Green (56%)
- Blue (100%)



- Red (28%)
- Yellow (48%)
- Blue (100%)



- Cyan (72%)
- Magenta (44%)
- Yellow (0%)
- Black (0%)



- Cyan (72%)
- Magenta (44%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.9520, 59.6767, -54.3319 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 133.9520, 59.6767, -54.3319 by changing the saturation by 10% instead.

■ 133.9520, 59.6767,
-54.3319

■ 133.9520, 59.6767,
-54.3319

255.0000, 0.0000,
0.0000

■ 99.5260, 62.3517,
-72.3753

■ 185.3950, 34.3153,
-39.8114

■ 77.0490, 59.1358,
-67.5720

■ 211.3990, 21.4953,
-34.5529

■ 60.4700, 53.9983,
-53.0322

■ 237.1040, 8.8227,
-29.9092

■ 45.0650, 48.2820,
-39.5220

■ 248.7210, 3.0955,
-12.9103

■ 30.8340, 41.9868,
-27.0414

■ 11.5480, 39.1698,
-10.1276

■ 11.6330, 26.8029,

-10.2021

■ 6.6630, 17.9141,
-5.8435

■ 3.0950, 9.3202,
-2.7143

■ 133.9520, 59.6767,
-54.3319

■ 133.9520, 59.6767,
-54.3319

■ 117.0850, 67.9921,
-61.4645

■ 151.1180, 51.2138,
-46.5845

■ 100.5060, 76.1655,
-69.7268

■ 167.3980, 43.1878,
-38.9370

■ 86.5960, 83.0232,
-75.9447

■ 184.2650, 34.8724,
-31.8044

■ 201.4310, 26.4095,
-24.0570

■ 218.5970, 17.9467,
-16.3096

■ 234.8770, 9.9206,
-8.6621

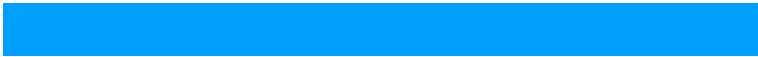
■ 252.0430, 1.4578,
-0.9147

■ 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.



122.1750, 64.4967, -107.1475



133.9520, 59.6767, -54.3319



148.0780, 38.9085, 27.1186

Triad

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



133.9520, 59.6767, -54.3319



139.6410, -35.3190, 81.8758



111.7430, -0.8593, -97.9986

Complementary

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



133.9520, 59.6767, -54.3319



193.0480, -59.6767, 54.3319

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.



126.1810, -35.0922, -37.8697



133.9520, 59.6767, -54.3319



137.6070, -57.4873, 52.0877

Square

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



133.9520, 59.6767, -54.3319



139.0040, -8.8760, 93.8355



132.2850, -62.7515, 13.7821



119.6430, 24.3330, -104.9269

Rectangle

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



133.9520, 59.6767, -54.3319



145.9270, 24.6860, 62.3310



132.2850, -62.7515, 13.7821



108.4030, -8.5797, -95.0694

Sweetspot

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



133.9520, 59.6767, -54.3319



217.7110, 18.3835, -16.4095



192.3030, -3.6004, -105.5057



105.5070, 11.0890, -10.0916



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.



133.9520, 59.6767, -54.3319



110.2740, 71.3499, -65.1383



99.1410, 76.8385, -5.3857



119.4170, 4.2314, -3.8737



64.6250, 62.3029, -56.6761



21.3840, 21.0097, -18.7538

Inverse Universe

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



134.6970, 3.6004, 105.5057



111.0570, 4.4089, 126.2380



227.8590, -76.8385, 5.3857



119.4570, 0.2677, 7.4922



65.4310, 3.7315, 110.1240



21.8720, 1.0491, 36.9463

Previews

White Background



This preview shows how the YUV color 133.9520, 59.6767, -54.3319 looks on a white background.

Color Contrast Check

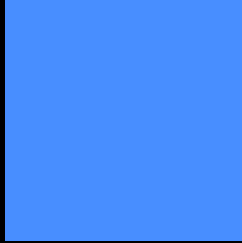
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.9520, 59.6767, -54.3319 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

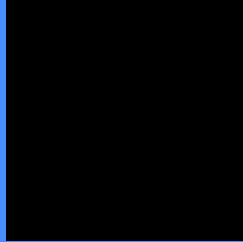
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

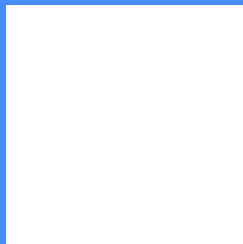
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 133.9520, 59.6767, -54.3319

Background



This preview shows how black text looks on a background with the YUV color 133.9520, 59.6767, -54.3319.



This preview shows how white text looks on a background with the YUV color 133.9520, 59.6767, -54.3319.

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

133.9520, 59.6767, -54.3319

Protanopia

137.5300, 56.4337, -40.8068

Deuteranopia

126.3300, 62.9413, -74.8344



Tritanopia

112.8270, 28.6793, -98.9493

Trichromacy



Original Color

133.9520, 59.6767, -54.3319

Protanomaly

136.1380, 57.6130, -45.7250

Deuteranomaly

129.0320, 61.6092, -67.5571

Tritanomaly

120.6130, 40.1238, -82.9756

Monochromacy



Original Color

133.9520, 59.6767, -54.3319

Achromatopsia

134.0000, 0.0000, 0.0000

Achromatomaly

133.9000, 21.7413, -20.0833

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.9520, 59.6767, -54.3319 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(72, 142, 255)` looks like.

```
.text, #text, p{  
    color:rgb(72, 142, 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(72, 142, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 142, 255) }
```

Border

The CSS property to change the border of an element to YUV 133.9520, 59.6767, -54.3319 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(72, 142, 255) }
```


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

```
.border{ border-color:rgb(72, 142, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 142, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 142, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 142, 255);  
box-shadow:4px 4px 4px 4px rgb(72, 142,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 133.9520, 59.6767, -54.3319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 142, 255) }
```

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

```
.background{ background-color: rgb(72, 142,  
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](#).

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