

Converting Colors

YUV(145.6920, 37.1268,
-54.9809)

Have a look what the booklet for
YUV(145.6920, 37.1268, -54.9809)
contains.

YUV(145.6920, 37.1268, -54.9809)	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(145.6920, 37.1268,
-54.9809)**

Conversions

Conversions Part 1

Format	Color
Hex	53A3DD
RGB	83, 163, 221
RGB Percent	33%, 64%, 87%
CMY	0.6745, 0.3608, 0.1333
CMYK	0.62, 0.26, 0.00, 0.13
HSL	205°, 67%, 60%
HSV	205°, 62%, 87%
XYZ	29.7156, 33.2538, 73.2591
YIQ	145.6920, -66.2980, 1.0780

Conversions

Conversions Part 2

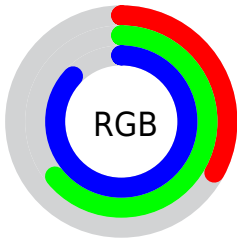
Format	Color
R_{YB}	83, 134, 221
Decimal	5481437
CIE _{Lab}	64.37, -7.05, -36.69
CIE _{LCh}	64, 37.362, 259.121
Yxy	33.2538, 0.2181, 0.2441
Android (android.graphics.Color)	4283671517 (0xFF53A3DD)
YUV	145.6920, 37.1268, -54.9809
Hunter-Lab	57.6661, -8.9339, -34.9557

Details

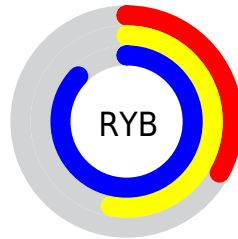
The YUV color **145.6920, 37.1268, -54.9809** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **158.3080, -37.1268, 54.9809**, and the grayscale version is **145.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.0920, 27.0696, -49.1927**, and **84.6680, 40.0967, -74.2538** is the 20% darker color. If you saturate the color by 10%, you get **133.8310, 42.9743, -63.8728**, and if you desaturate by 10%, it is **157.5530, 31.2794, -46.0890**.

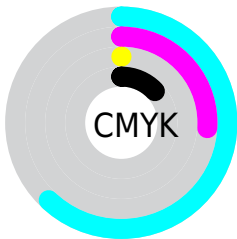
Distribution



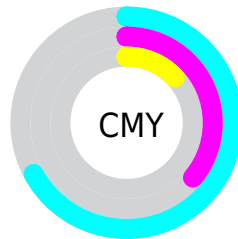
- Red (33%)
- Green (64%)
- Blue (87%)



- Red (33%)
- Yellow (53%)
- Blue (87%)



- Cyan (62%)
- Magenta (26%)
- Yellow (0%)
- Black (13%)



- Cyan (67%)
- Magenta (36%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 145.6920, 37.1268, -54.9809 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 145.6920, 37.1268, -54.9809 by changing the saturation by 10% instead.

■ 145.6920, 37.1268,
-54.9809

■ 145.6920, 37.1268,
-54.9809

255.0000, 0.0000,
0.0000

■ 116.7730, 37.5799,
-60.3139

■ 200.0920, 27.0696,
-49.1927

■ 84.6680, 40.0967,
-74.2538

■ 225.1990, 14.6919,
-45.7785

■ 66.9150, 35.5379,
-58.6845

■ 239.4520, 7.6652,
-31.9684

■ 50.4500, 30.8372,
-44.2446

■ 248.4220, 3.2430,
-13.5251

■ 34.6860, 26.2838,
-30.4196

■ 20.9110, 21.7359,
-18.3389

■ 6.5490, 17.4773,

-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 0.0000, 0.0000,
0.0000

■ 145.6920, 37.1268,
-54.9809

■ 145.6920, 37.1268,
-54.9809

■ 133.8310, 42.9743,
-63.8728

■ 157.5530, 31.2794,
-46.0890

■ 121.3830, 49.1112,
-72.2499

■ 170.0010, 25.1425,
-37.7119

■ 109.5220, 54.9587,
-81.1418

■ 181.8620, 19.2950,
-28.8200

■ 100.3300, 59.4903,
-87.9894

■ 193.7230, 13.4476,
-19.9281

■ 205.8830, 7.4527,
-10.4214

■ 218.3310, 1.3158,
-2.0443

■ 230.1920, -4.5317,
6.8476

■ 240.5580, -9.6421,
12.6656

■ 246.4280,
-12.5360, 7.5176

Harmonies

Analogous

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



123.2740, 40.7839, -108.1113



145.6920, 37.1268, -54.9809



156.6480, 30.7395, -12.8463

Triad

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



145.6920, 37.1268, -54.9809



158.4800, -11.0826, 54.8300



147.1390, -17.8165, -25.5549

Complementary

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



145.6920, 37.1268, -54.9809



158.3080, -37.1268, 54.9809

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.



151.6390, -29.4020, 3.8246



145.6920, 37.1268, -54.9809



156.2930, -24.3014, 47.9780

Square

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



145.6920, 37.1268, -54.9809



159.9640, 4.9477, 46.5126



154.5220, -31.8093, 29.3602



139.5660, 1.2000, -58.3784

Rectangle

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



145.6920, 37.1268, -54.9809



159.9670, 23.6803, 11.4299



154.5220, -31.8093, 29.3602



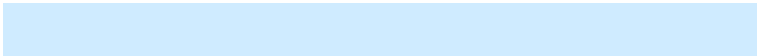
148.3530, -22.3590, -15.2186

Sweetspot

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



145.6920, 37.1268, -54.9809



228.9080, 12.8634, -19.2133



170.6180, -14.6017, -76.8410



111.3990, 8.1843, -11.7509



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.



145.6920, 37.1268, -54.9809



150.9310, 51.3060, -76.2385



105.1890, 57.0948, -19.4598



103.7760, 3.0684, -4.1886



79.0090, 46.3376, -69.2909



21.0930, 12.2792, -18.4986

Inverse Universe

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



133.3820, 14.6017, 76.8410



133.7630, 20.3298, 106.3248



198.8110, -57.0948, 19.4598



102.9730, 0.9993, 6.1627



63.2410, 18.6152, 96.2586



16.8320, 5.0128, 25.5803

Previews

White Background



This preview shows how the YUV color 145.6920, 37.1268, -54.9809 looks on a white background.

Color Contrast Check

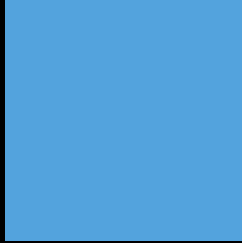
Large Text (above 18pt) WCAG AA × Fail

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 145.6920, 37.1268, -54.9809 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

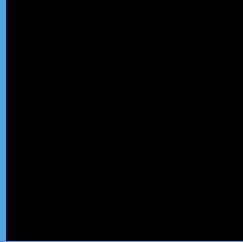
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 145.6920, 37.1268, -54.9809

Background



This preview shows how black text looks on a background with the YUV color 145.6920, 37.1268, -54.9809.



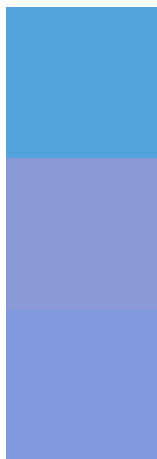
This preview shows how white text looks on a background with the YUV color 145.6920, 37.1268, -54.9809.

-54.9809.

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

145.6920, 37.1268, -54.9809

Protanopia

155.0560, 28.5664, -15.8351

Deuteranopia

154.3910, 33.8242, -22.2679



Tritanopia

140.2010, 21.5929, -65.9513

Trichromacy



Original Color

145.6920, 37.1268, -54.9809

Protanomaly

151.7660, 31.6674, -30.4898

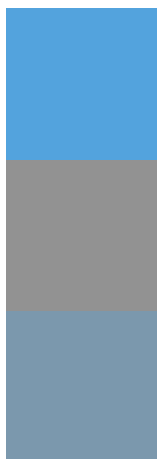
Deuteranomaly

150.9550, 35.0252, -34.1635

Tritanomaly

142.0150, 27.1076, -61.4032

Monochromacy



Original Color

145.6920, 37.1268, -54.9809

Achromatopsia

146.0000, 0.0000, 0.0000

Achromatomaly

145.7230, 13.4476, -19.9281

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.6920, 37.1268, -54.9809 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(83, 163, 221)` looks like.

```
.text, #text, p{  
    color:rgb(83, 163, 221)  
}
```

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(83, 163, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 163, 221) }
```

Border

The CSS property to change the border of an element to YUV 145.6920, 37.1268, -54.9809 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(83, 163, 221) }
```


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

```
.border{ border-color:rgb(83, 163, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 163, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 163, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 163, 221);  
box-shadow:4px 4px 4px 4px rgb(83, 163,  
221) }
```

Background

The CSS property to change the background color of an element to YUV 145.6920, 37.1268, -54.9809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 163, 221) }
```

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

```
.background{ background-color: rgb(83, 163,  
221) }
```

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