

Converting Colors

YUV(166.5440, 41.6368,
-54.8511)

Have a look what the booklet for
YUV(166.5440, 41.6368, -54.8511)
contains.

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Color

**YUV(166.5440, 41.6368,
-54.8511)**

Conversions

Conversions Part 1

Format	Color
Hex	68B6FB
RGB	104, 182, 251
RGB Percent	41%, 71%, 98%
CMY	0.5922, 0.2863, 0.0157
CMYK	0.59, 0.27, 0.00, 0.02
HSL	208°, 95%, 70%
HSV	208°, 59%, 98%
XYZ	39.8495, 43.3640, 97.5366
YIQ	166.5440, -68.6370, 4.9230

Conversions

Conversions Part 2

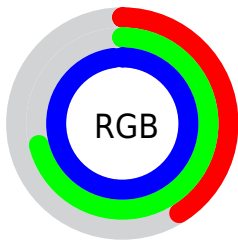
Format	Color
RYB	104, 155, 251
Decimal	6862587
CIELab	71.80, -4.23, -41.41
CIELCh	72, 41.630, 264.168
Yxy	43.3640, 0.2205, 0.2399
Android (android.graphics.Color)	4285052667 (0xFF68B6FB)
YUV	166.5440, 41.6368, -54.8511
Hunter-Lab	65.8513, -7.2219, -41.7222

Details

The YUV color **166.5440, 41.6368, -54.8511** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **188.4560, -41.6368, 54.8511**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.1110, 18.1863, -46.5783**, and **106.5100, 43.1326, -67.9763** is the 20% darker color. If you saturate the color by 10%, you get **152.0250, 48.7947, -64.0429**, and if you desaturate by 10%, it is **181.0630, 34.4789, -45.6593**.

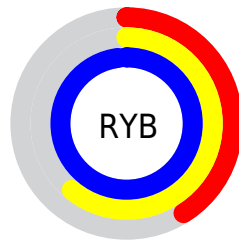
Distribution



Red (41%)

Green (71%)

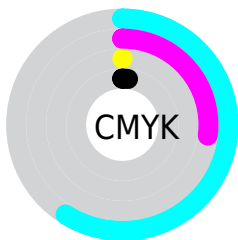
Blue (98%)



Red (41%)

Yellow (61%)

Blue (98%)

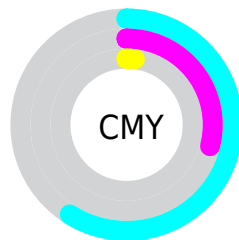


Cyan (59%)

Magenta (27%)

Yellow (0%)

Black (2%)



Cyan (59%)

Magenta (29%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.5440, 41.6368, -54.8511 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 166.5440, 41.6368, -54.8511 by changing the saturation by 10% instead.

■ 166.5440, 41.6368,
-54.8511

■ 166.5440, 41.6368,
-54.8511

255.0000, 0.0000,
0.0000

■ 137.5220, 41.6477,
-58.3398

■ 218.1110, 18.1863,
-46.5783

■ 106.5100, 43.1326,
-67.9763

■ 237.0600, 8.8444,
-36.8866

■ 80.0860, 42.8486,
-70.2354

■ 246.0300, 4.4222,
-18.4433

■ 63.5070, 37.7110,
-55.6956

■ 47.0420, 33.0103,
-41.2558

■ 31.8650, 28.1676,
-27.9456

■ 16.8020, 23.7616,

-14.7354

■ 6.6630, 17.9141,
-5.8435

■ 2.9810, 8.8834,
-2.6143

■ 166.5440, 41.6368,
-54.8511

■ 166.5440, 41.6368,
-54.8511

■ 152.0250, 48.7947,
-64.0429

■ 181.0630, 34.4789,
-45.6593

■ 137.5060, 55.9525,
-73.2348

■ 195.5820, 27.3211,
-36.4674

■ 123.5740, 62.8210,
-82.9414

■ 209.5140, 20.4526,
-26.7608

■ 109.0550, 69.9789,
-92.1332

■ 224.0330, 13.2947,
-17.5689

■ 106.6850, 71.1473,
-93.5627

■ 238.5520, 6.1369,
-8.3771

■ 253.3700, -1.1684,
1.4295

■ 254.5440, -1.7472,
0.3999

Harmonies

Analogous

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



139.1350, 48.2474, -122.0214



166.5440, 41.6368, -54.8511



177.6640, 33.1966, -7.5983

Triad

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



166.5440, 41.6368, -54.8511



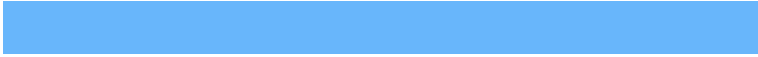
178.0850, -15.3249, 62.1925



164.3120, -16.9158, -34.4766

Complementary

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



166.5440, 41.6368, -54.8511



188.4560, -41.6368, 54.8511

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.



169.9220, -32.0065, -0.8086



166.5440, 41.6368, -54.8511



176.2350, -29.6959, 51.5369

Square

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



166.5440, 41.6368, -54.8511



179.7480, 2.5892, 56.3490



173.6700, -36.3193, 29.2304



155.0200, 5.9061, -74.5625

Rectangle

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



166.5440, 41.6368, -54.8511



180.3640, 24.9635, 19.8518



173.6700, -36.3193, 29.2304



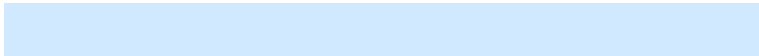
166.4830, -22.9161, -23.2256

Sweetspot

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



166.5440, 41.6368, -54.8511



228.3320, 13.1473, -16.9542



198.1550, -12.4014, -82.5739



111.1110, 8.3263, -10.6213



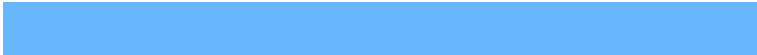
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



166.5440, 41.6368, -54.8511



152.4700, 50.5473, -66.1872



123.6930, 62.7624, -17.2708



117.5910, 3.6526, -4.9033



80.2460, 53.6157, -70.3757



25.7380, 17.3842, -22.5722

Inverse Universe

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



156.8450, 12.4014, 82.5739



140.9380, 14.8206, 100.0324



231.3070, -62.7624, 17.2708



116.6850, 1.1413, 7.2923



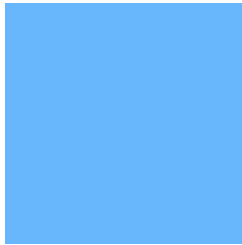
67.9110, 15.8199, 106.1951



21.8870, 4.9857, 34.3021

Previews

White Background



This preview shows how the YUV color 166.5440, 41.6368, -54.8511 looks on a white background.

Color Contrast Check

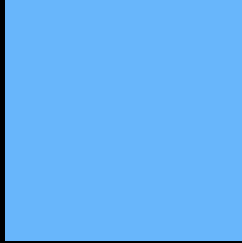
Large Text (above 18pt) WCAG AA × Fail

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 166.5440, 41.6368, -54.8511 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

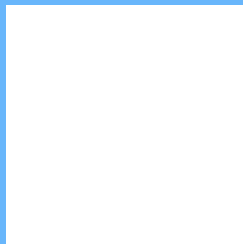
Any Text WCAG AAA ✓ Pass

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

YUV 166.5440, 41.6368, -54.8511 Background



This preview shows how black text looks on a background with the YUV color 166.5440, 41.6368, -54.8511.



This preview shows how white text looks on a background with the YUV color 166.5440, 41.6368, -54.8511.

-54.8511.

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

166.5440, 41.6368, -54.8511

Protanopia

175.0000, 33.5240, -19.2940

Deuteranopia

174.0360, 38.9293, -26.3416



Tritanopia

160.4290, 22.4665, -66.1512

Trichromacy



Original Color

166.5440, 41.6368, -54.8511

Protanomaly

171.7210, 36.6195, -32.2043

Deuteranomaly

171.1980, 39.8354, -37.0076

Tritanomaly

162.5850, 29.2916, -61.9030

Monochromacy



Original Color

166.5440, 41.6368, -54.8511

Achromatopsia

167.0000, 0.0000, 0.0000

Achromatomaly

166.5920, 15.4841, -19.8132

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.5440, 41.6368, -54.8511 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(104, 182, 251)` looks like.

```
.text, #text, p{  
    color:rgb(104, 182, 251)  
}
```

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(104, 182, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 182, 251) }
```

Border

The CSS property to change the border of an element to YUV 166.5440, 41.6368, -54.8511 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(104, 182, 251) }
```


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

```
.border{ border-color:rgb(104, 182, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 182, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 182, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 182, 251);  
box-shadow:4px 4px 4px 4px rgb(104, 182,  
251) }
```

Background

The CSS property to change the background color of an element to YUV 166.5440, 41.6368, -54.8511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 182, 251) }
```

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

```
.background{ background-color: rgb(104,  
182, 251) }
```

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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