

Converting Colors

YUV(167.5660, 41.6260,
-51.3624)

Have a look what the booklet for
YUV(167.5660, 41.6260, -51.3624)
contains.

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Color

**YUV(167.5660, 41.6260,
-51.3624)**

Conversions

Conversions Part 1

Format	Color
Hex	6DB5FC
RGB	109, 181, 252
RGB Percent	43%, 71%, 99%
CMY	0.5725, 0.2902, 0.0118
CMYK	0.57, 0.28, 0.00, 0.01
HSL	210°, 96%, 71%
HSV	210°, 57%, 99%
XYZ	40.4012, 43.3272, 98.3291
YIQ	167.5660, -65.7030, 6.8170

Conversions

Conversions Part 2

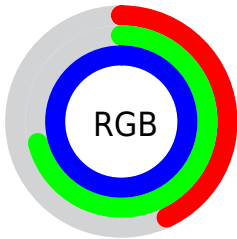
Format	Color
RYB	109, 157, 252
Decimal	7190012
CIELab	71.78, -2.40, -41.98
CIElCh	72, 42.047, 266.722
Yxy	43.3272, 0.2219, 0.2380
Android (android.graphics.Color)	4285380092 (0xFF6DB5FC)
YUV	167.5660, 41.6260, -51.3624
Hunter-Lab	65.8234, -5.6309, -42.4929

Details

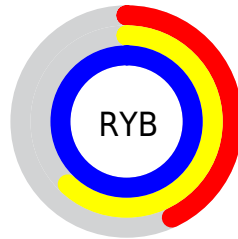
The YUV color **167.5660, 41.6260, -51.3624** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **193.4340, -41.6260, 51.3624**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.7200, 17.8860, -43.6044**, and **109.3260, 42.2373, -60.7989** is the 20% darker color. If you saturate the color by 10%, you get **152.4600, 49.0732, -60.0394**, and if you desaturate by 10%, it is **182.6720, 34.1787, -42.6853**.

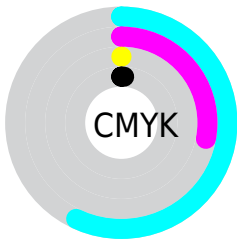
Distribution



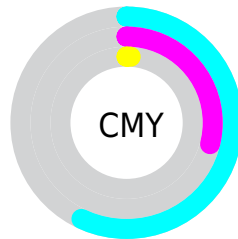
- Red (43%)
- Green (71%)
- Blue (99%)



- Red (43%)
- Yellow (62%)
- Blue (99%)



- Cyan (57%)
- Magenta (28%)
- Yellow (0%)
- Black (1%)



- Cyan (57%)
- Magenta (29%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 167.5660, 41.6260, -51.3624 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 167.5660, 41.6260, -51.3624 by changing the saturation by 10% instead.

■ 167.5660, 41.6260,
-51.3624

■ 167.5660, 41.6260,
-51.3624

■ 255.0000, 0.0000,
0.0000

■ 138.8430, 41.4894,
-54.2363

■ 218.7200, 17.8860,
-43.6044

■ 109.3260, 42.2373,
-60.7989

■ 238.2560, 8.2548,
-34.4275

■ 80.2000, 43.2854,
-70.3354

■ 247.2260, 3.8326,
-15.9842

■ 63.0340, 38.4372,
-55.2808

■ 46.5690, 33.7365,
-40.8410

■ 31.3920, 28.8937,
-27.5308

■ 16.3290, 24.4878,

-14.3205

■ 6.6630, 17.9141,
-5.8435

■ 3.0950, 9.3202,
-2.7143

■ 167.5660, 41.6260,
-51.3624

■ 167.5660, 41.6260,
-51.3624

■ 152.4600, 49.0732,
-60.0394

■ 182.6720, 34.1787,
-42.6853

■ 137.9410, 56.2311,
-69.2313

■ 197.1910, 27.0208,
-33.4935

■ 122.5360, 63.8258,
-78.5231

■ 212.5960, 19.4262,
-24.2017

■ 108.0170, 70.9836,
-87.7149

■ 227.1150, 12.2683,
-15.0099

■ 103.2770, 73.3204,
-90.5739

■ 242.2210, 4.8210,
-6.3328

254.6580, -1.3104,
0.2999

Harmonies

Analogous

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



139.3630, 49.1210, -122.2214



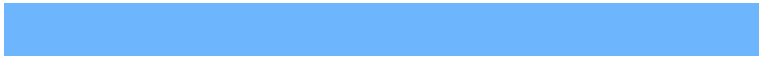
167.5660, 41.6260, -51.3624



177.8710, 32.6016, -3.3949

Triad

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



167.5660, 41.6260, -51.3624



177.6290, -17.0721, 62.5924



163.6320, -15.5946, -38.2653

Complementary

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



167.5660, 41.6260, -51.3624



193.4340, -41.6260, 51.3624

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.



169.4270, -31.2695, -3.8825



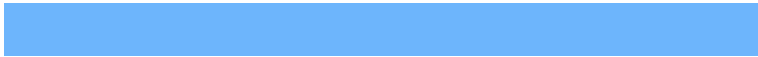
167.5660, 41.6260, -51.3624



176.1810, -31.1482, 50.7073

Square

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



167.5660, 41.6260, -51.3624



179.7050, 1.1314, 57.2637



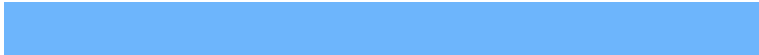
173.1320, -37.0401, 27.0712



152.9700, 8.3958, -79.7807

Rectangle

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



167.5660, 41.6260, -51.3624



180.7450, 23.7897, 23.0256



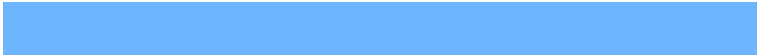
173.1320, -37.0401, 27.0712



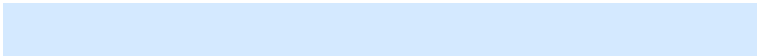
166.1020, -21.7423, -26.3995

Sweetspot

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



167.5660, 41.6260, -51.3624



229.2290, 12.7051, -15.1098



200.8070, -11.2439, -80.5147



112.5950, 7.5947, -9.2918



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.



167.5660, 41.6260, -51.3624



152.7910, 50.3890, -62.0837



126.4760, 61.8833, -15.3265



117.5910, 3.6526, -4.9033



77.3110, 55.0627, -67.8017



25.1510, 17.6736, -22.0574

Inverse Universe

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



159.9650, 10.3703, 80.7147



143.6450, 12.5000, 97.6583



234.5240, -61.8833, 15.3265



116.6850, 1.1413, 7.2923



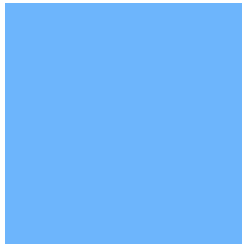
67.3410, 13.6359, 106.6949



21.7730, 4.5489, 34.4021

Previews

White Background



This preview shows how the YUV color 167.5660, 41.6260, -51.3624 looks on a white background.

Color Contrast Check

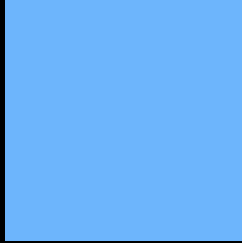
Large Text (above 18pt) WCAG AA × Fail

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 167.5660, 41.6260, -51.3624 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

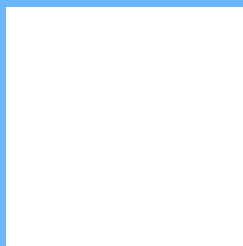
Any Text WCAG AAA ✓ Pass

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

YUV 167.5660, 41.6260, -51.3624 Background



This preview shows how black text looks on a background with the YUV color 167.5660, 41.6260, -51.3624.



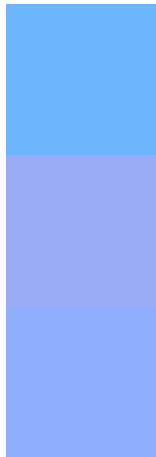
This preview shows how white text looks on a background with the YUV color 167.5660, 41.6260, -51.3624.

-51.3624.

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

167.5660, 41.6260, -51.3624

Protanopia

174.6410, 34.6870, -18.9792

Deuteranopia

173.8510, 39.5135, -27.0563



Tritanopia

161.8100, 21.2927, -62.9774

Trichromacy



Original Color

167.5660, 41.6260, -51.3624

Protanomaly

171.9600, 37.4877, -30.6599

Deuteranomaly

171.9100, 39.9774, -35.8781

Tritanomaly

164.0800, 28.5546, -58.8292

Monochromacy



Original Color

167.5660, 41.6260, -51.3624

Achromatopsia

168.0000, 0.0000, 0.0000

Achromatomaly

168.1900, 15.1893, -18.5836

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.5660, 41.6260, -51.3624 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(109, 181, 252)` looks like.

```
.text, #text, p{  
    color:rgb(109, 181, 252)  
}
```

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(109, 181, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 181, 252) }
```

Border

The CSS property to change the border of an element to YUV 167.5660, 41.6260, -51.3624 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(109, 181, 252) }
```


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

```
.border{ border-color:rgb(109, 181, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 181, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 181, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 181, 252);  
box-shadow:4px 4px 4px 4px rgb(109, 181,  
252) }
```

Background

The CSS property to change the background color of an element to YUV 167.5660, 41.6260, -51.3624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 181, 252) }
```

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

```
.background{ background-color: rgb(109,  
181, 252) }
```

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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