

Converting Colors

YUV(181.4220, 33.3160,
-45.9741)

Have a look what the booklet for
YUV(181.4220, 33.3160, -45.9741)
contains.

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Color

**YUV(181.4220, 33.3160,
-45.9741)**

Conversions

Conversions Part 1

Format	Color
Hex	81C3F9
RGB	129, 195, 249
RGB Percent	51%, 76%, 98%
CMY	0.4941, 0.2353, 0.0235
CMYK	0.48, 0.22, 0.00, 0.02
HSL	207°, 91%, 74%
HSV	207°, 48%, 98%
XYZ	45.6673, 50.5369, 96.9702
YIQ	181.4220, -56.6700, 2.8020

Conversions

Conversions Part 2

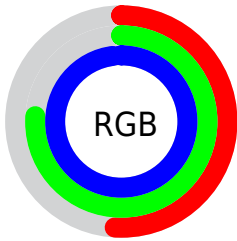
Format	Color
RYB	129, 172, 249
Decimal	8504313
CIELab	76.40, -6.65, -33.12
CIELCh	76, 33.778, 258.644
Yxy	50.5369, 0.2364, 0.2616
Android (android.graphics.Color)	4286694393 (0xFF81C3F9)
YUV	181.4220, 33.3160, -45.9741
Hunter-Lab	71.0893, -9.7392, -31.1127

Details

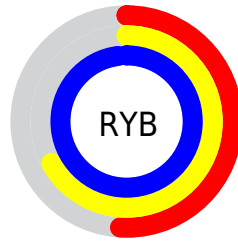
The YUV color **181.4220, 33.3160, -45.9741** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **196.5780, -33.3160, 45.9741**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.3200, 11.1812, -39.7456**, and **125.5850, 32.7426, -48.7480** is the 20% darker color. If you saturate the color by 10%, you get **167.4900, 40.1844, -55.6807**, and if you desaturate by 10%, it is **195.3540, 26.4475, -36.2675**.

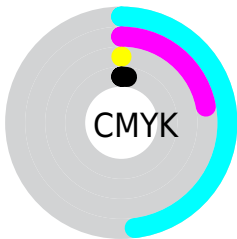
Distribution



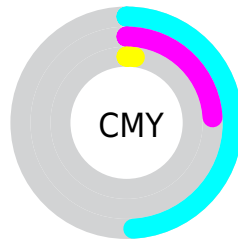
- Red (51%)
- Green (76%)
- Blue (98%)



- Red (51%)
- Yellow (67%)
- Blue (98%)



- Cyan (48%)
- Magenta (22%)
- Yellow (0%)
- Black (2%)



- Cyan (49%)
- Magenta (24%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 181.4220, 33.3160, -45.9741 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 181.4220, 33.3160, -45.9741 by changing the saturation by 10% instead.

■ 181.4220, 33.3160,
-45.9741

■ 181.4220, 33.3160,
-45.9741

255.0000, 0.0000,
0.0000

■ 153.5960, 32.7372,
-47.0037

■ 232.3200, 11.1812,
-39.7456

■ 125.5850, 32.7426,
-48.7480

■ 243.3390, 5.7489,
-23.9763

■ 97.3670, 33.3431,
-54.6959

■ 252.3090, 1.3267,
-5.5330

■ 69.8500, 34.0909,
-61.2584

■ 52.7980, 29.6796,
-46.3038

■ 37.0340, 25.1262,
-32.4788

■ 22.5580, 20.4309,

-19.7834

■ 6.5490, 17.4773,
-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 181.4220, 33.3160,
-45.9741

■ 181.4220, 33.3160,
-45.9741

■ 167.4900, 40.1844,
-55.6807

■ 195.3540, 26.4475,
-36.2675

■ 153.5580, 47.0529,
-65.3874

■ 209.2860, 19.5790,
-26.5608

■ 139.0390, 54.2108,
-74.5792

■ 223.8050, 12.4211,
-17.3690

■ 125.1070, 61.0792,
-84.2858

■ 237.7370, 5.5527,
-7.6623

■ 111.4740, 67.8003,
-93.3777

■ 251.6690, -1.3158,
2.0443

■ 108.8050, 69.1161,
-95.4220

■ 254.3160, -2.6208,
0.5999

Harmonies

Analogous

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



172.4590, 30.3397, -71.4395



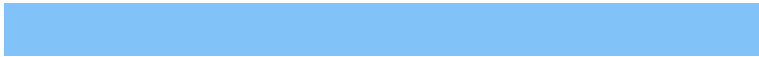
181.4220, 33.3160, -45.9741



189.3770, 28.4081, -11.7316

Triad

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



181.4220, 33.3160, -45.9741



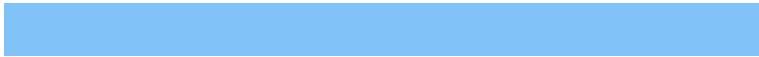
191.8710, -10.7824, 51.8561



180.3890, -16.9538, -22.2662

Complementary

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



181.4220, 33.3160, -45.9741



196.5780, -33.3160, 45.9741

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.



184.8070, -27.5129, 4.5543



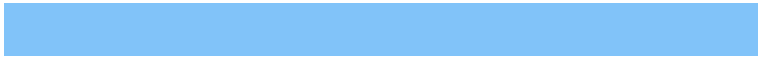
181.4220, 33.3160, -45.9741



189.9230, -23.1330, 46.5485

Square

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



181.4220, 33.3160, -45.9741



192.8280, 4.5218, 43.1238



187.5050, -29.3360, 29.3751



175.5670, -0.2795, -50.4863

Rectangle

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



181.4220, 33.3160, -45.9741



191.9130, 22.2279, 10.6003



187.5050, -29.3360, 29.3751



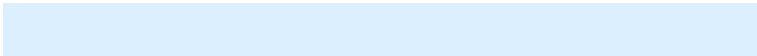
182.0050, -21.2015, -13.1594

Sweetspot

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



181.4220, 33.3160, -45.9741



234.8440, 9.9369, -13.8952



205.5960, -11.1398, -67.1747



115.5520, 6.1369, -8.3771



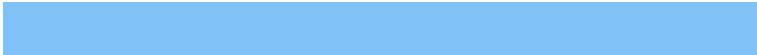
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



181.4220, 33.3160, -45.9741



171.4190, 41.2054, -56.4955



146.2020, 50.6794, -15.0862



117.5910, 3.6526, -4.9033



82.5940, 52.4582, -72.4349



26.9120, 16.8054, -23.6018

Inverse Universe

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



172.4040, 11.1398, 67.1747



160.4860, 13.5644, 82.8888



231.7980, -50.6794, 15.0862



116.6850, 1.1413, 7.2923



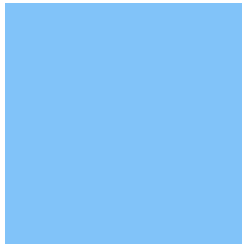
68.3670, 17.5671, 105.7951



22.1150, 5.8593, 34.1021

Previews

White Background



This preview shows how the YUV color 181.4220, 33.3160, -45.9741 looks on a white background.

Color Contrast Check

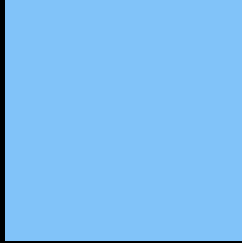
Large Text (above 18pt) WCAG AA × Fail

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 181.4220, 33.3160, -45.9741 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 181.4220, 33.3160, -45.9741 Background



This preview shows how black text looks on a background with the YUV color 181.4220, 33.3160, -45.9741.



This preview shows how white text looks on a background with the YUV color 181.4220, 33.3160,

-45.9741.

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

181.4220, 33.3160, -45.9741

Protanopia

188.4970, 26.3770, -13.5909

Deuteranopia

188.3380, 30.8924, -15.2054



Tritanopia

178.3060, 19.0761, -52.0114

Trichromacy



Original Color

181.4220, 33.3160, -45.9741

Protanomaly

185.8160, 29.1777, -25.2716

Deuteranomaly

186.0870, 31.5091, -26.3863

Tritanomaly

179.6960, 24.3069, -49.7224

Monochromacy



Original Color

181.4220, 33.3160, -45.9741

Achromatopsia

181.0000, 0.0000, 0.0000

Achromatomaly

181.1040, 12.2737, -16.7542

CSS Examples

Text

The CSS property to change the color of the text to YUV 181.4220, 33.3160, -45.9741 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(129, 195, 249)` looks like.

```
.text, #text, p{  
    color:rgb(129, 195, 249)  
}
```

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(129, 195, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 195, 249) }
```

Border

The CSS property to change the border of an element to YUV 181.4220, 33.3160, -45.9741 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(129, 195, 249) }
```


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

```
.border{ border-color:rgb(129, 195, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 195, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 195, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 195, 249);  
box-shadow:4px 4px 4px 4px rgb(129, 195,  
249) }
```

Background

The CSS property to change the background color of an element to YUV 181.4220, 33.3160, -45.9741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 195, 249) }
```

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

```
.background{ background-color: rgb(129,  
195, 249) }
```

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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