

Converting Colors

YUV(176.5130, 38.6941,
-44.2999)

Have a look what the booklet for
YUV(176.5130, 38.6941, -44.2999)
contains.

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Color

**YUV(176.5130, 38.6941,
-44.2999)**

Conversions

Conversions Part 1

Format	Color
Hex	7EBBFF
RGB	126, 187, 255
RGB Percent	49%, 73%, 100%
CMY	0.5059, 0.2667, 0.0000
CMYK	0.51, 0.27, 0.00, 0.00
HSL	212°, 100%, 75%
HSV	212°, 51%, 100%
XYZ	44.4245, 47.1963, 101.3761
YIQ	176.5130, -58.1840, 8.2160

Conversions

Conversions Part 2

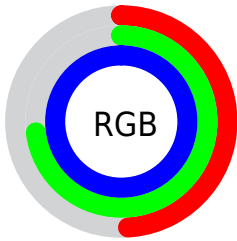
Format	Color
R _Y B	126, 167, 255
Decimal	8305663
CIE Lab	74.32, -1.26, -39.58
CIE LCh	74, 39.598, 268.177
Yxy	47.1963, 0.2302, 0.2445
Android (android.graphics.Color)	4286495743 (0xFF7EBBFF)
YUV	176.5130, 38.6941, -44.2999
Hunter-Lab	68.6995, -4.7973, -39.4013

Details

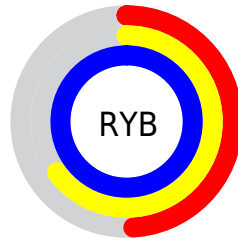
The YUV color $176.5130, 38.6941, -44.2999$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $204.4870, -38.6941, 44.2999$, and the grayscale version is $176.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $227.0260, 13.7912, -36.8568$, and $120.6650, 38.1262, -48.8182$ is the 20% darker color. If you saturate the color by 10%, you get $161.4070, 46.1413, -52.9769$, and if you desaturate by 10%, it is $191.9180, 31.0994, -35.0081$.

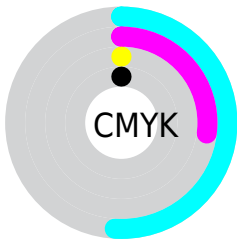
Distribution



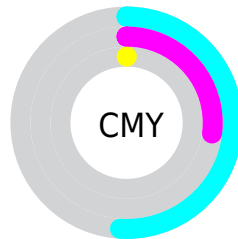
- Red (49%)
- Green (73%)
- Blue (100%)



- Red (49%)
- Yellow (65%)
- Blue (100%)



- Cyan (51%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)



- Cyan (51%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.5130, 38.6941, -44.2999 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 176.5130, 38.6941, -44.2999 by changing the saturation by 10% instead.

■ 176.5130, 38.6941,
-44.2999

■ 176.5130, 38.6941,
-44.2999

255.0000, 0.0000,
0.0000

■ 148.3880, 38.2627,
-45.9443

■ 227.0260, 13.7912,
-36.8568

■ 120.6650, 38.1262,
-48.8182

■ 242.7410, 6.0437,
-25.2059

■ 90.8380, 39.0269,
-57.7399

■ 251.7110, 1.6215,
-6.7625

■ 66.3110, 38.3007,
-58.1547

■ 49.8460, 33.5999,
-43.7149

■ 34.6690, 28.7572,
-30.4047

■ 19.6060, 24.3512,

-17.1945

■ 7.5920, 18.9351,
-6.6582

■ 3.3230, 10.1938,
-2.9143

■ 176.5130, 38.6941,
-44.2999

■ 176.5130, 38.6941,
-44.2999

■ 161.4070, 46.1413,
-52.9769

■ 191.9180, 31.0994,
-35.0081

■ 145.4150, 54.0254,
-61.7540

■ 207.6110, 23.3628,
-26.8458

■ 130.0100, 61.6201,
-71.0458

■ 223.0160, 15.7681,
-17.5540

■ 114.3170, 69.3567,
-79.2080

■ 238.7090, 8.0315,
-9.3918

■ 100.0970, 76.3672,
-87.7851

254.1140, 0.4368,
-0.1000

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.



161.3950, 40.7243, -88.9234



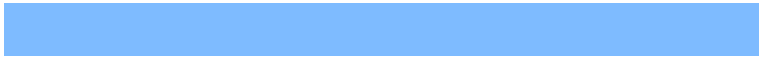
176.5130, 38.6941, -44.2999



185.3120, 30.4122, -1.1506

Triad

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



176.5130, 38.6941, -44.2999



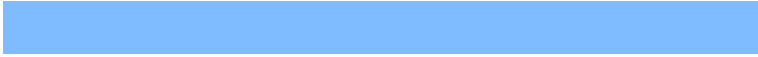
184.9060, -17.2087, 59.7184



170.8000, -13.7054, -37.5356

Complementary

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



176.5130, 38.6941, -44.2999



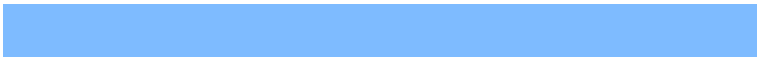
204.4870, -38.6941, 44.2999

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.



176.5840, -29.3749, -4.8972



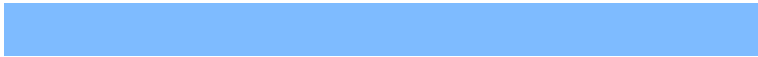
176.5130, 38.6941, -44.2999



183.0990, -30.1218, 48.1482

Square

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



176.5130, 38.6941, -44.2999



186.9390, -0.4629, 55.3045



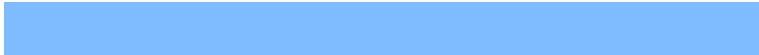
180.5770, -35.2875, 24.9270



162.6010, 8.0847, -73.3181

Rectangle

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



176.5130, 38.6941, -44.2999



187.2890, 22.0425, 23.4255



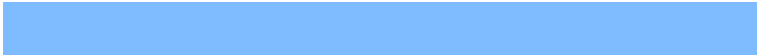
180.5770, -35.2875, 24.9270



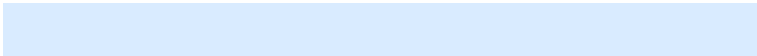
172.9710, -19.7057, -26.2846

Sweetspot

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



176.5130, 38.6941, -44.2999



231.8980, 11.3893, -13.0655



209.3610, -8.0660, -73.1076



113.4920, 7.1524, -7.4475



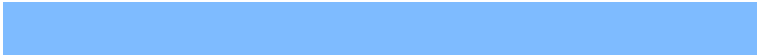
0.0000, 0.0000, 0.0000



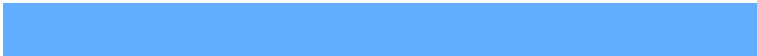
128.0000, 0.0000, 0.0000

Same Dimension

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



176.5130, 38.6941, -44.2999



160.2220, 46.7256, -53.6917



141.3040, 56.0521, -11.6676



120.0040, 3.9420, -4.3885



74.6040, 57.3832, -65.4277



24.9060, 19.2733, -21.8426

Inverse Universe

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



171.5250, 7.6292, 73.2076



154.0800, 9.3276, 88.5068



239.6960, -56.0521, 11.6676



119.5710, 0.7045, 7.3922



67.3690, 11.1571, 108.4244



22.5560, 3.6699, 36.3464

Previews

White Background



This preview shows how the YUV color 176.5130, 38.6941, -44.2999 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 176.5130, 38.6941, -44.2999 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

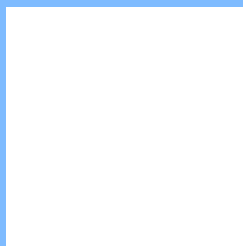
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 176.5130, 38.6941, -44.2999

Background



This preview shows how black text looks on a background with the YUV color 176.5130, 38.6941, -44.2999.



This preview shows how white text looks on a background with the YUV color 176.5130, 38.6941, -44.2999.

-44.2999.

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

176.5130, 38.6941, -44.2999

Protanopia

182.1850, 32.9398, -18.5792

Deuteranopia

181.3740, 36.2976, -22.2530



Tritanopia

171.7080, 19.3710, -53.2409

Trichromacy



Original Color

176.5130, 38.6941, -44.2999

Protanomaly

180.2870, 34.8615, -28.3157

Deuteranomaly

179.8460, 37.0509, -30.5599

Tritanomaly

173.2660, 26.4909, -50.2223

Monochromacy



Original Color

176.5130, 38.6941, -44.2999

Achromatopsia

177.0000, 0.0000, 0.0000

Achromatomaly

176.8590, 13.8735, -16.5393

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.5130, 38.6941, -44.2999 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(126, 187, 255)` looks like.

```
.text, #text, p{  
    color:rgb(126, 187, 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(126, 187, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 187, 255) }
```

Border

The CSS property to change the border of an element to YUV 176.5130, 38.6941, -44.2999 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(126, 187, 255) }
```


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

```
.border{ border-color:rgb(126, 187, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 187, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 187, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 187, 255);  
box-shadow:4px 4px 4px 4px rgb(126, 187,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 176.5130, 38.6941, -44.2999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 187, 255) }
```

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

```
.background{ background-color: rgb(126,  
187, 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](#).

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