

Converting Colors

YUV(177.5970, 31.2577,
-39.1116)

Have a look what the booklet for
YUV(177.5970, 31.2577, -39.1116)
contains.

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Color

**YUV(177.5970, 31.2577,
-39.1116)**

Conversions

Conversions Part 1

Format	Color
Hex	85BCF1
RGB	133, 188, 241
RGB Percent	52%, 74%, 95%
CMY	0.4784, 0.2627, 0.0549
CMYK	0.45, 0.22, 0.00, 0.05
HSL	209°, 79%, 73%
HSV	209°, 45%, 95%
XYZ	43.5333, 47.3039, 90.0552
YIQ	177.5970, -49.7930, 4.8230

Conversions

Conversions Part 2

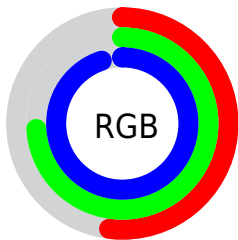
Format	Color
R _Y B	133, 169, 241
Decimal	8764657
CIE Lab	74.38, -4.17, -31.90
CIE LCh	74, 32.173, 262.557
Yxy	47.3039, 0.2407, 0.2615
Android (android.graphics.Color)	4286954737 (0xFF85BCF1)
YUV	177.5970, 31.2577, -39.1116
Hunter-Lab	68.7778, -7.3786, -29.4878

Details

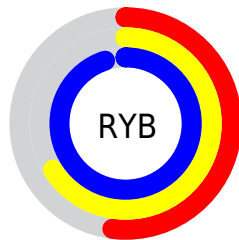
The YUV color **177.5970, 31.2577, -39.1116** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **196.4030, -31.2577, 39.1116**, and the grayscale version is **177.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.1080, 12.7648, -34.2977**, and **123.0590, 30.5369, -41.2707** is the 20% darker color. If you saturate the color by 10%, you get **163.3770, 38.2681, -47.6886**, and if you desaturate by 10%, it is **191.8170, 24.2472, -30.5345**.

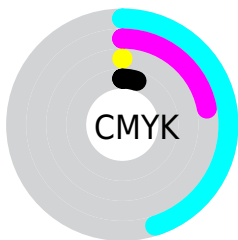
Distribution



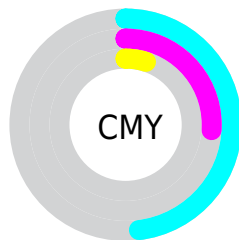
- Red (52%)
- Green (74%)
- Blue (95%)



- Red (52%)
- Yellow (66%)
- Blue (95%)



- Cyan (45%)
- Magenta (22%)
- Yellow (0%)
- Black (5%)



- Cyan (48%)
- Magenta (26%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 177.5970, 31.2577, -39.1116 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 177.5970, 31.2577, -39.1116 by changing the saturation by 10% instead.

■ 177.5970, 31.2577,
-39.1116

■ 177.5970, 31.2577,
-39.1116

255.0000, 0.0000,
0.0000

■ 150.1840, 30.9683,
-39.6264

■ 229.1080, 12.7648,
-34.2977

■ 123.0590, 30.5369,
-41.2707

■ 244.2360, 5.3067,
-22.1320

■ 96.0370, 30.5478,
-44.7594

■ 253.2060, 0.8844,
-3.6887

■ 65.4160, 32.3329,
-57.3698

■ 48.4780, 28.3583,
-42.5152

■ 33.4150, 23.9524,
-29.3050

■ 18.9390, 19.2571,

-16.6095

■ 5.2780, 15.1459,
-4.6288

■ 1.3680, 5.2416,
-1.1997

■ 177.5970, 31.2577,
-39.1116

■ 177.5970, 31.2577,
-39.1116

■ 163.3770, 38.2681,
-47.6886

■ 191.8170, 24.2472,
-30.5345

■ 149.1570, 45.2786,
-56.2657

■ 206.0370, 17.2368,
-21.9574

■ 135.5240, 51.9997,
-65.3575

■ 219.6700, 10.5157,
-12.8656

■ 121.3040, 59.0101,
-73.9346

■ 233.8900, 3.5052,
-4.2885

■ 107.0840, 66.0206,
-82.5117

■ 248.1100, -3.5052,
4.2885

■ 99.6750, 69.6732,
-87.4150

■ 253.4040, -6.1152,
1.3997

Harmonies

Analogous

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



169.2750, 29.4444, -64.2622



177.5970, 31.2577, -39.1116



184.4270, 25.9185, -6.5135

Triad

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



177.5970, 31.2577, -39.1116



185.9200, -11.7926, 49.1822



175.0620, -14.3276, -24.6104

Complementary

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



177.5970, 31.2577, -39.1116



196.4030, -31.2577, 39.1116

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.



179.0670, -25.1760, 1.6952



177.5970, 31.2577, -39.1116



184.1890, -23.2642, 41.9302

Square

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



177.5970, 31.2577, -39.1116



186.9590, 2.4852, 43.0090



181.9990, -28.5935, 24.5569



170.4360, 1.7571, -50.3714

Rectangle

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



177.5970, 31.2577, -39.1116



186.9520, 19.7437, 14.0741



181.9990, -28.5935, 24.5569



176.3790, -18.4278, -16.1184

Sweetspot

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



177.5970, 31.2577, -39.1116



235.7410, 9.4947, -12.0509



202.3240, -8.5407, -60.7971



115.2640, 6.2788, -7.2475



0.0000, 0.0000, 0.0000



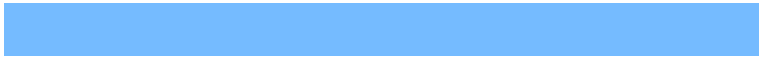
128.0000, 0.0000, 0.0000

Same Dimension

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



177.5970, 31.2577, -39.1116



173.8220, 40.0208, -49.8329



146.4860, 46.5954, -11.8272



112.8900, 3.5052, -4.2885



76.1540, 53.1681, -66.7871



23.4070, 16.0683, -20.5279

Inverse Universe

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



171.5620, 8.1039, 60.8971



166.2420, 10.2337, 77.8408



227.5140, -46.5954, 11.8272



112.2720, 0.8519, 6.7775



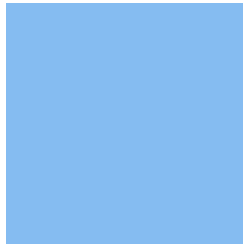
65.7320, 13.9361, 103.7210



20.0500, 4.4123, 31.5282

Previews

White Background



This preview shows how the YUV color 177.5970, 31.2577, -39.1116 looks on a white background.

Color Contrast Check

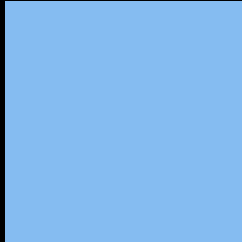
Large Text (above 18pt) WCAG AA × Fail

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 177.5970, 31.2577, -39.1116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

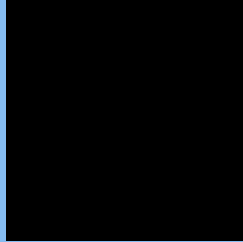
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

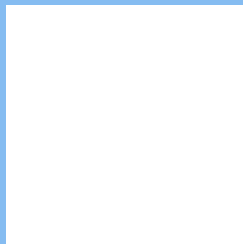
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 177.5970, 31.2577, -39.1116

Background



This preview shows how black text looks on a background with the YUV color 177.5970, 31.2577, -39.1116.



This preview shows how white text looks on a background with the YUV color 177.5970, 31.2577, -39.1116.

-39.1116.

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

177.5970, 31.2577, -39.1116

Protanopia

182.6820, 25.7928, -12.8761

Deuteranopia

183.2950, 29.4346, -14.2907



Tritanopia

174.7800, 16.8705, -44.5341

Trichromacy



Original Color

177.5970, 31.2577, -39.1116

Protanomaly

180.7840, 27.7145, -22.6126

Deuteranomaly

181.3540, 29.8985, -23.1125

Tritanomaly

175.8710, 22.2486, -42.8599

Monochromacy



Original Color

177.5970, 31.2577, -39.1116

Achromatopsia

178.0000, 0.0000, 0.0000

Achromatomaly

178.1860, 11.2473, -14.1951

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.5970, 31.2577, -39.1116 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(133, 188, 241)` looks like.

```
.text, #text, p{  
    color:rgb(133, 188, 241)  
}
```

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(133, 188, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 188, 241) }
```

Border

The CSS property to change the border of an element to YUV 177.5970, 31.2577, -39.1116 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(133, 188, 241) }
```


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

```
.border{ border-color:rgb(133, 188, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 188, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 188, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 188, 241);  
box-shadow:4px 4px 4px 4px rgb(133, 188,  
241) }
```

Background

The CSS property to change the background color of an element to YUV 177.5970, 31.2577, -39.1116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 188, 241) }
```

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

```
.background{ background-color: rgb(133,  
188, 241) }
```

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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