

Converting Colors

YUV(179.7280, 29.2211,
-39.2265)

Have a look what the booklet for
YUV(179.7280, 29.2211, -39.2265)
contains.

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Color

**YUV(179.7280, 29.2211,
-39.2265)**

Conversions

Conversions Part 1

Format	Color
Hex	87BFEF
RGB	135, 191, 239
RGB Percent	53%, 75%, 94%
CMY	0.4706, 0.2510, 0.0627
CMYK	0.44, 0.20, 0.00, 0.06
HSL	208°, 76%, 73%
HSV	208°, 44%, 94%
XYZ	44.2025, 48.6445, 88.7210
YIQ	179.7280, -48.7840, 3.0560

Conversions

Conversions Part 2

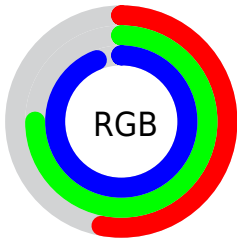
Format	Color
RYB	135, 171, 239
Decimal	8896495
CIELab	75.23, -5.85, -29.51
CIELCh	75, 30.085, 258.789
Yxy	48.6445, 0.2434, 0.2679
Android (android.graphics.Color)	4287086575 (0xFF87BFEF)
YUV	179.7280, 29.2211, -39.2265
Hunter-Lab	69.7456, -8.9274, -26.5988

Details

The YUV color **179.7280, 29.2211, -39.2265** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **194.2720, -29.2211, 39.2265**, and the grayscale version is **179.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.4670, 11.6018, -34.6126**, and **125.4890, 28.3529, -40.7709** is the 20% darker color. If you saturate the color by 10%, you get **166.0950, 35.9422, -48.3183**, and if you desaturate by 10%, it is **193.3610, 22.5000, -30.1346**.

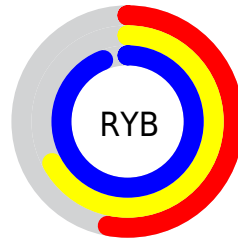
Distribution



Red (53%)

Green (75%)

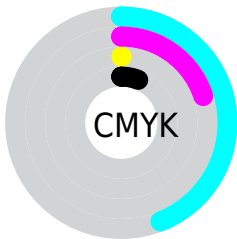
Blue (94%)



Red (53%)

Yellow (67%)

Blue (94%)

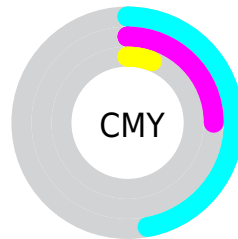


Cyan (44%)

Magenta (20%)

Yellow (0%)

Black (6%)



Cyan (47%)

Magenta (25%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 179.7280, 29.2211, -39.2265 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 179.7280, 29.2211, -39.2265 by changing the saturation by 10% instead.

■ 179.7280, 29.2211,
-39.2265

■ 179.7280, 29.2211,
-39.2265

■ 255.0000, 0.0000,
0.0000

■ 152.3150, 28.9317,
-39.7413

■ 231.4670, 11.6018,
-34.6126

■ 125.4890, 28.3529,
-40.7709

■ 244.8340, 5.0118,
-20.9024

■ 98.1790, 28.5058,
-43.1300

■ 253.8040, 0.5896,
-2.4591

■ 67.6720, 30.7277,
-55.8403

■ 50.0110, 26.6166,
-43.8596

■ 34.3610, 22.5000,
-30.1346

■ 19.9990, 18.2415,

-17.5391

■ 5.1640, 14.7091,
-4.5288

■ 1.1400, 4.3680,
-0.9998

■ 179.7280, 29.2211,
-39.2265

■ 179.7280, 29.2211,
-39.2265

■ 166.0950, 35.9422,
-48.3183

■ 193.3610, 22.5000,
-30.1346

■ 152.4620, 42.6632,
-57.4102

■ 206.9940, 15.7790,
-21.0427

■ 138.8290, 49.3843,
-66.5020

■ 220.6270, 9.0579,
-11.9509

■ 125.1960, 56.1054,
-75.5939

■ 234.2600, 2.3368,
-2.8590

■ 111.8620, 62.6790,
-84.0710

■ 247.5940, -4.2368,
5.6181

■ 102.9690, 67.0633,
-90.3038

■ 253.1760, -6.9888,
1.5996

Harmonies

Analogous

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



173.3850, 25.9392, -59.9736



179.7280, 29.2211, -39.2265



186.1770, 25.0557, -9.8022

Triad

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



179.7280, 29.2211, -39.2265



188.1800, -9.4557, 46.3231



178.5680, -15.0700, -19.7921

Complementary

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



179.7280, 29.2211, -39.2265



194.2720, -29.2211, 39.2265

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.



181.9040, -24.6027, 4.4692



179.7280, 29.2211, -39.2265



186.8730, -20.6434, 41.3304

Square

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



179.7280, 29.2211, -39.2265



189.8660, 3.5171, 38.7055



184.8790, -26.5623, 26.4161



174.3120, -0.1538, -44.1236

Rectangle

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



179.7280, 29.2211, -39.2265



188.6310, 19.9019, 9.9706



184.8790, -26.5623, 26.4161



179.5860, -19.0229, -11.9149

Sweetspot

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



179.7280, 29.2211, -39.2265



236.3280, 9.2053, -12.5657



201.4060, -9.5672, -58.2381



115.8510, 5.9895, -7.7623



0.0000, 0.0000, 0.0000



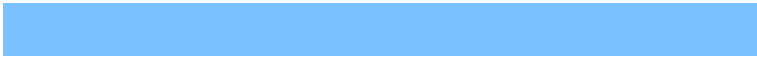
128.0000, 0.0000, 0.0000

Same Dimension

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



179.7280, 29.2211, -39.2265



179.4260, 37.2580, -50.3626



149.7910, 43.9800, -12.9717



112.8900, 3.5052, -4.2885



79.0890, 51.7211, -69.3611



23.9940, 15.7790, -21.0427

Inverse Universe

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



172.4800, 9.1304, 58.3380



169.9750, 11.8443, 74.5669



224.2090, -43.9800, 12.9717



112.2720, 0.8519, 6.7775



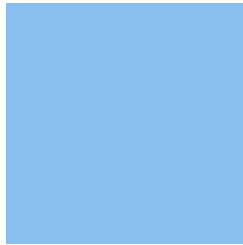
66.3020, 16.1201, 103.2211



20.1640, 4.8491, 31.4282

Previews

White Background



This preview shows how the YUV color 179.7280, 29.2211, -39.2265 looks on a white background.

Color Contrast Check

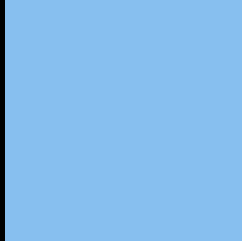
Large Text (above 18pt) WCAG AA × Fail

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 179.7280, 29.2211, -39.2265 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 179.7280, 29.2211, -39.2265

Background



This preview shows how black text looks on a background with the YUV color 179.7280, 29.2211, -39.2265.



This preview shows how white text looks on a background with the YUV color 179.7280, 29.2211, -39.2265.

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

179.7280, 29.2211, -39.2265

Protanopia

185.4110, 23.4614, -11.7614

Deuteranopia

185.1490, 27.5345, -11.5317



Tritanopia

177.1930, 17.1599, -44.0193

Trichromacy



Original Color

179.7280, 29.2211, -39.2265

Protanomaly

183.5130, 25.3831, -21.4979

Deuteranomaly

183.4960, 27.8565, -21.4830

Tritanomaly

178.0560, 21.6644, -42.1451

Monochromacy



Original Color

179.7280, 29.2211, -39.2265

Achromatopsia

180.0000, 0.0000, 0.0000

Achromatomaly

179.9580, 10.3737, -13.9952

CSS Examples

Text

The CSS property to change the color of the text to YUV 179.7280, 29.2211, -39.2265 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(135, 191, 239)` looks like.

```
.text, #text, p{  
    color:rgb(135, 191, 239)  
}
```

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(135, 191, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 191, 239) }
```

Border

The CSS property to change the border of an element to YUV 179.7280, 29.2211, -39.2265 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(135, 191, 239) }
```


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

```
.border{ border-color:rgb(135, 191, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 191, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 191, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 191, 239);  
box-shadow:4px 4px 4px 4px rgb(135, 191,  
239) }
```

Background

The CSS property to change the background color of an element to YUV 179.7280, 29.2211, -39.2265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 191, 239) }
```

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

```
.background{ background-color: rgb(135,  
191, 239) }
```

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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