

Converting Colors

YUV(189.2070, 29.4779,
-28.2455)

Have a look what the booklet for
YUV(189.2070, 29.4779, -28.2455)
contains.

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Color

**YUV(189.2070, 29.4779,
-28.2455)**

Conversions

Conversions Part 1

Format	Color
Hex	9DC2F9
RGB	157, 194, 249
RGB Percent	62%, 76%, 98%
CMY	0.3843, 0.2392, 0.0235
CMYK	0.37, 0.22, 0.00, 0.02
HSL	216°, 88%, 80%
HSV	216°, 37%, 98%
XYZ	50.2953, 52.5912, 97.1228
YIQ	189.2070, -39.7070, 9.2610

Conversions

Conversions Part 2

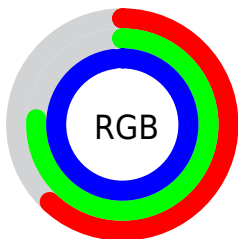
Format	Color
R _Y B	157, 183, 249
Decimal	10339065
CIE Lab	77.63, 0.83, -31.09
CIE LCh	78, 31.098, 271.529
Yxy	52.5912, 0.2515, 0.2629
Android (android.graphics.Color)	4288529145 (0xFF9DC2F9)
YUV	189.2070, 29.4779, -28.2455
Hunter-Lab	72.5198, -3.1130, -28.6408

Details

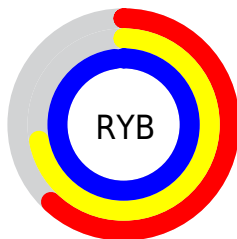
The YUV color $189.2070, 29.4779, -28.2455$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $216.7930, -29.4779, 28.2455$, and the grayscale version is $189.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $239.8060, 7.4906, -22.6319$, and $135.1530, 28.0256, -29.0752$ is the 20% darker color. If you saturate the color by 10%, you get $172.9270, 37.5040, -35.8930$, and if you desaturate by 10%, it is $205.4870, 21.4519, -20.5981$.

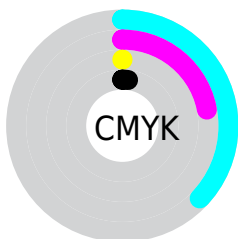
Distribution



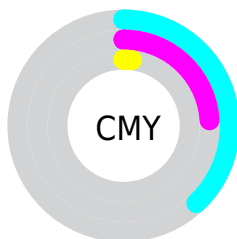
- Red (62%)
- Green (76%)
- Blue (98%)



- Red (62%)
- Yellow (72%)
- Blue (98%)



- Cyan (37%)
- Magenta (22%)
- Yellow (0%)
- Black (2%)



- Cyan (38%)
- Magenta (24%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.2070, 29.4779, -28.2455 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 189.2070, 29.4779, -28.2455 by changing the saturation by 10% instead.

■ 189.2070, 29.4779,
-28.2455

■ 189.2070, 29.4779,
-28.2455

255.0000, 0.0000,
0.0000

■ 161.6800, 28.7518,
-28.6604

■ 239.8060, 7.4906,
-22.6319

■ 135.1530, 28.0256,
-29.0752

■ 251.4120, 1.7689,
-7.3773

■ 108.7400, 27.7362,
-29.5900

■ 83.0170, 27.5996,
-32.4639

■ 54.9020, 28.6423,
-40.2561

■ 37.0340, 25.1262,
-32.4788

■ 21.9710, 20.7203,

-19.2686

■ 6.5490, 17.4773,
-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 189.2070, 29.4779,
-28.2455

■ 189.2070, 29.4779,
-28.2455

■ 172.9270, 37.5040,
-35.8930

■ 205.4870, 21.4519,
-20.5981

■ 156.6470, 45.5300,
-43.5404

■ 221.7670, 13.4259,
-12.9507

■ 140.3670, 53.5561,
-51.1879

■ 238.0470, 5.3998,
-5.3032

■ 124.0870, 61.5821,
-58.8353

■ 253.7290, -2.3314,
1.1147

■ 108.6930, 69.1714,
-66.3828

■ 254.3160, -2.6208,
0.5999

■ 92.4130, 77.1974,
-74.0302

■ 87.0860, 79.8236,
-76.3744

Harmonies

Analogous

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



181.7430, 29.7067, -55.0256



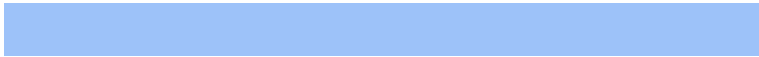
189.2070, 29.4779, -28.2455



194.6840, 22.8338, 2.9081

Triad

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



189.2070, 29.4779, -28.2455



194.5840, -15.5709, 47.7228



182.8700, -9.7959, -31.4580

Complementary

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



189.2070, 29.4779, -28.2455



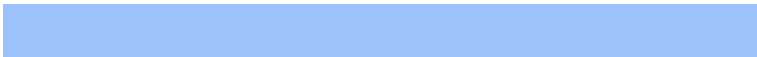
216.7930, -29.4779, 28.2455

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.



186.8210, -22.0968, -5.9820



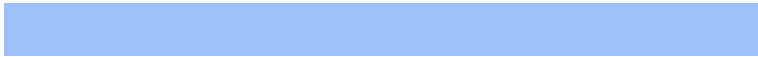
189.2070, 29.4779, -28.2455



192.7000, -24.9951, 37.0971

Square

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



189.2070, 29.4779, -28.2455



196.0040, -2.4670, 44.7235



189.8950, -27.5562, 18.5091



178.6680, 6.5727, -54.9598

Rectangle

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



189.2070, 29.4779, -28.2455



196.5570, 15.5014, 21.4365



189.8950, -27.5562, 18.5091



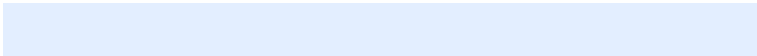
184.6600, -14.6224, -23.3808

Sweetspot

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



189.2070, 29.4779, -28.2455



236.6490, 9.0470, -8.4622



217.1600, -3.0369, -52.7603



117.0470, 5.3998, -5.3032



0.0000, 0.0000, 0.0000



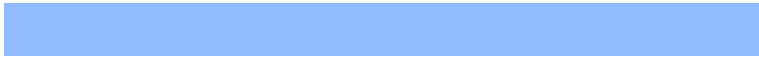
128.0000, 0.0000, 0.0000

Same Dimension

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



189.2070, 29.4779, -28.2455



182.1830, 35.8988, -34.3635



169.8800, 39.0062, -4.2798



116.4170, 4.2314, -3.8737



66.1580, 60.5611, -58.0206



21.6290, 19.4099, -18.9686

Inverse Universe

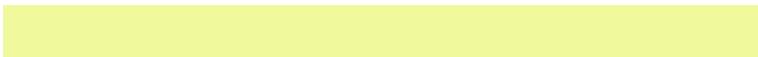
The Inverse Universe completely reimagines the original color for something new.



188.7260, 2.6001, 52.8603



181.6180, 3.1463, 64.3560



236.1200, -39.0062, 4.2798



116.4570, 0.2677, 7.4922



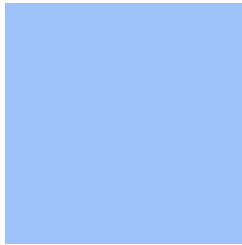
65.1750, 5.3367, 108.5945



21.0890, 1.9281, 35.0019

Previews

White Background



This preview shows how the YUV color 189.2070, 29.4779, -28.2455 looks on a white background.

Color Contrast Check

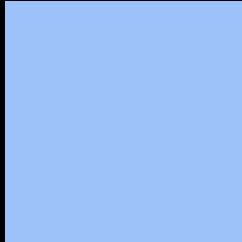
Large Text (above 18pt) WCAG AA × Fail

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 189.2070, 29.4779, -28.2455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

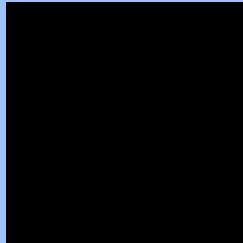
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

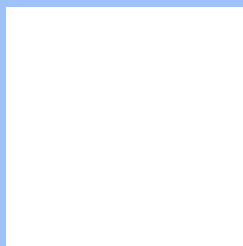
Any Text WCAG AAA ✓ Pass

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

YUV 189.2070, 29.4779, -28.2455 Background



This preview shows how black text looks on a background with the YUV color 189.2070, 29.4779, -28.2455.



This preview shows how white text looks on a background with the YUV color 189.2070, 29.4779, -28.2455.

-28.2455.

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

189.2070, 29.4779, -28.2455

Protanopia

191.9100, 26.6664, -13.0761

Deuteranopia

192.0780, 28.5555, -12.3464



Tritanopia

186.5750, 14.5065, -32.9533

Trichromacy



Original Color

189.2070, 29.4779, -28.2455

Protanomaly

191.1050, 27.5562, -18.5091

Deuteranomaly

190.8600, 29.1560, -18.2942

Tritanomaly

187.6660, 19.8847, -31.2791

Monochromacy



Original Color

189.2070, 29.4779, -28.2455

Achromatopsia

189.0000, 0.0000, 0.0000

Achromatomaly

189.0940, 10.7997, -10.6064

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.2070, 29.4779, -28.2455 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(157, 194, 249)` looks like.

```
.text, #text, p{  
    color:rgb(157, 194, 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(157, 194, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 194, 249) }
```

Border

The CSS property to change the border of an element to YUV 189.2070, 29.4779, -28.2455 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(157, 194, 249) }
```


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

```
.border{ border-color:rgb(157, 194, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 194, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 194, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 194, 249);  
box-shadow:4px 4px 4px 4px rgb(157, 194,  
249) }
```

Background

The CSS property to change the background color of an element to YUV 189.2070, 29.4779, -28.2455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 194, 249) }
```

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

```
.background{ background-color: rgb(157,  
194, 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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