

Converting Colors

YUV(192.4620, 29.3522,
-34.6082)

Have a look what the booklet for
YUV(192.4620, 29.3522, -34.6082)
contains.

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Color

**YUV(192.4620, 29.3522,
-34.6082)**

Conversions

Conversions Part 1

Format	Color
Hex	99C9FC
RGB	153, 201, 252
RGB Percent	60%, 79%, 99%
CMY	0.4000, 0.2118, 0.0118
CMYK	0.39, 0.20, 0.00, 0.01
HSL	211°, 94%, 79%
HSV	211°, 39%, 99%
XYZ	51.5942, 55.5739, 100.1030
YIQ	192.4620, -44.9790, 5.6850

Conversions

Conversions Part 2

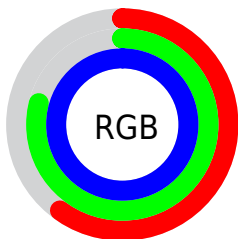
Format	Color
R _Y B	153, 185, 252
Decimal	10078716
CIE Lab	79.37, -3.21, -30.04
CIE LCh	79, 30.211, 263.904
Yxy	55.5739, 0.2489, 0.2681
Android (android.graphics.Color)	4288268796 (0xFF99C9FC)
YUV	192.4620, 29.3522, -34.6082
Hunter-Lab	74.5479, -6.9199, -27.4312

Details

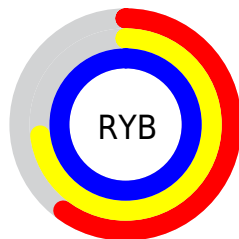
The YUV color **192.4620, 29.3522, -34.6082** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **212.5380, -29.3522, 34.6082**, and the grayscale version is **192.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.5450, 6.6333, -27.6650**, and **137.5220, 28.3367, -35.5378** is the 20% darker color. If you saturate the color by 10%, you get **177.3560, 36.7995, -43.2852**, and if you desaturate by 10%, it is **207.5680, 21.9050, -25.9311**.

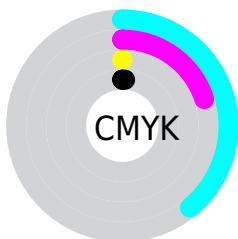
Distribution



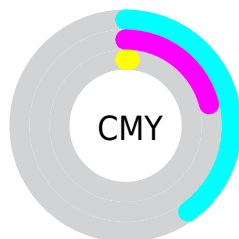
- Red (60%)
- Green (79%)
- Blue (99%)



- Red (60%)
- Yellow (73%)
- Blue (99%)



- Cyan (39%)
- Magenta (20%)
- Yellow (0%)
- Black (1%)



- Cyan (40%)
- Magenta (21%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 192.4620, 29.3522, -34.6082 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 192.4620, 29.3522, -34.6082 by changing the saturation by 10% instead.

■ 192.4620, 29.3522,
-34.6082

■ 192.4620, 29.3522,
-34.6082

255.0000, 0.0000,
0.0000

■ 164.9350, 28.6260,
-35.0230

■ 241.5450, 6.6333,
-27.6650

■ 137.5220, 28.3367,
-35.5378

■ 250.2160, 2.3585,
-9.8364

■ 110.8100, 28.1947,
-36.6674

■ 84.6740, 27.7687,
-40.0561

■ 56.0750, 29.5430,
-49.1778

■ 40.3110, 24.9897,
-35.3527

■ 25.2480, 20.5837,

-22.1425

■ 6.8910, 18.7877,
-6.0434

■ 3.2090, 9.7570,
-2.8143

■ 192.4620, 29.3522,
-34.6082

■ 192.4620, 29.3522,
-34.6082

■ 177.3560, 36.7995,
-43.2852

■ 207.5680, 21.9050,
-25.9311

■ 162.2500, 44.2467,
-51.9622

■ 222.6740, 14.4577,
-17.2541

■ 146.8450, 51.8414,
-61.2541

■ 238.0790, 6.8631,
-7.9623

■ 131.7390, 59.2887,
-69.9311

■ 253.1850, -0.5842,
0.7148

■ 116.6330, 66.7359, 254.6580, -1.3104,
-78.6081 0.2999

■ 101.5270, 74.1832,
-87.2852

■ 100.3420, 74.7674,
-87.9999

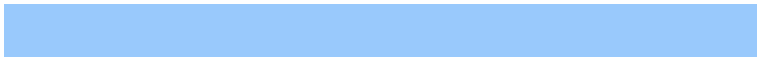
Harmonies

Analogous

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



185.4500, 27.3862, -57.3996



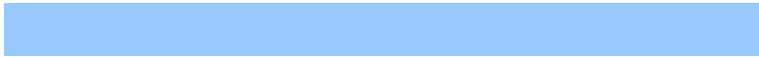
192.4620, 29.3522, -34.6082



198.0960, 24.6027, -4.4692

Triad

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



192.4620, 29.3522, -34.6082



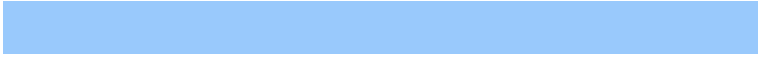
199.7950, -12.2239, 47.5378



189.4040, -13.0172, -24.9103

Complementary

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



192.4620, 29.3522, -34.6082



212.5380, -29.3522, 34.6082

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.



192.8110, -23.5708, 0.1658



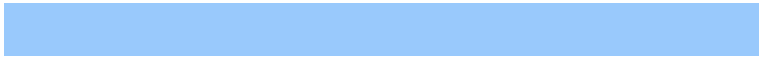
192.4620, 29.3522, -34.6082



198.2920, -22.8220, 40.0859

Square

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



192.4620, 29.3522, -34.6082



200.7200, 1.6170, 41.4646



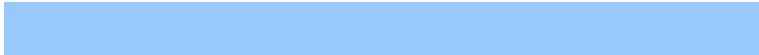
195.7430, -26.9883, 23.0274



184.9740, 2.4778, -48.2122

Rectangle

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



192.4620, 29.3522, -34.6082



200.4960, 17.9965, 14.4740



195.7430, -26.9883, 23.0274



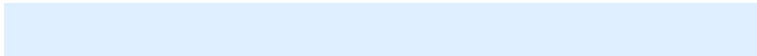
190.6070, -17.5543, -16.3183

Sweetspot

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



192.4620, 29.3522, -34.6082



236.3390, 9.1999, -10.8213



216.8130, -6.8098, -55.9640



116.7480, 5.5472, -5.9180



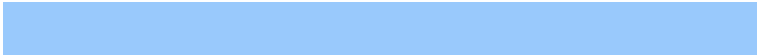
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



192.4620, 29.3522, -34.6082



182.7260, 35.6311, -41.8557



164.2860, 43.2430, -9.8978



117.5910, 3.6526, -4.9033



74.9630, 56.2202, -65.7426



24.5640, 17.9629, -21.5426

Inverse Universe

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



188.0730, 6.3730, 56.0640



177.4920, 7.6454, 67.9745



240.7140, -43.2430, 9.8978



116.6850, 1.1413, 7.2923



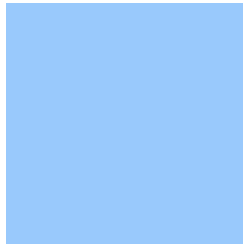
66.8850, 11.8887, 107.0949



21.6590, 4.1121, 34.5021

Previews

White Background



This preview shows how the YUV color 192.4620, 29.3522, -34.6082 looks on a white background.

Color Contrast Check

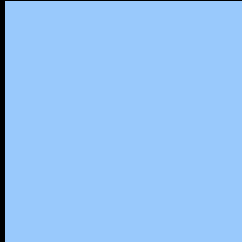
Large Text (above 18pt) WCAG AA × Fail

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 192.4620, 29.3522, -34.6082 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

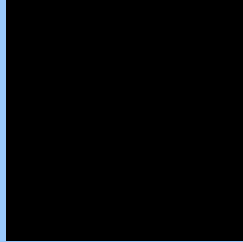
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

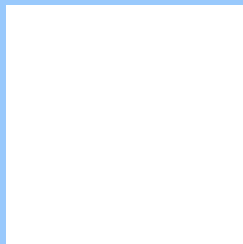
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 192.4620, 29.3522, -34.6082

Background



This preview shows how black text looks on a background with the YUV color 192.4620, 29.3522, -34.6082.



This preview shows how white text looks on a background with the YUV color 192.4620, 29.3522, -34.6082.

-34.6082.

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

192.4620, 29.3522, -34.6082

Protanopia

196.7530, 24.7718, -12.0614

Deuteranopia

197.2630, 27.9713, -11.6317



Tritanopia

189.6990, 16.4174, -39.2010

Trichromacy



Original Color

192.4620, 29.3522, -34.6082

Protanomaly

195.4530, 26.3987, -20.5683

Deuteranomaly

195.6210, 28.2878, -19.8386

Tritanomaly

190.6760, 21.3587, -37.4269

Monochromacy



Original Color

192.4620, 29.3522, -34.6082

Achromatopsia

192.0000, 0.0000, 0.0000

Achromatomaly

192.0830, 10.8051, -12.3508

CSS Examples

Text

The CSS property to change the color of the text to YUV 192.4620, 29.3522, -34.6082 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(153, 201, 252)` looks like.

```
.text, #text, p{  
    color:rgb(153, 201, 252)  
}
```

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(153, 201, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 201, 252) }
```

Border

The CSS property to change the border of an element to YUV 192.4620, 29.3522, -34.6082 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(153, 201, 252) }
```


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

```
.border{ border-color:rgb(153, 201, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 201, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 201, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 201, 252);  
box-shadow:4px 4px 4px 4px rgb(153, 201,  
252) }
```

Background

The CSS property to change the background color of an element to YUV 192.4620, 29.3522, -34.6082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 201, 252) }
```

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

```
.background{ background-color: rgb(153,  
201, 252) }
```

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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