

Converting Colors

YUV(188.2940, 27.4631,
-35.3378)

Have a look what the booklet for
YUV(188.2940, 27.4631, -35.3378)
contains.

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Color

**YUV(188.2940, 27.4631,
-35.3378)**

Conversions

Conversions Part 1

Format	Color
Hex	94C6F4
RGB	148, 198, 244
RGB Percent	58%, 78%, 96%
CMY	0.4196, 0.2235, 0.0431
CMYK	0.39, 0.19, 0.00, 0.04
HSL	209°, 81%, 77%
HSV	209°, 39%, 96%
XYZ	48.7360, 53.2157, 93.2910
YIQ	188.2940, -44.5660, 3.7060

Conversions

Conversions Part 2

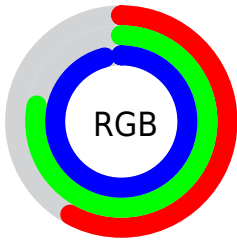
Format	Color
R _Y B	148, 181, 244
Decimal	9750260
CIE Lab	78.00, -4.98, -27.88
CIE LCh	78, 28.327, 259.864
Yxy	53.2157, 0.2496, 0.2726
Android (android.graphics.Color)	4287940340 (0xFF94C6F4)
YUV	188.2940, 27.4631, -35.3378
Hunter-Lab	72.9491, -8.4084, -24.7586

Details

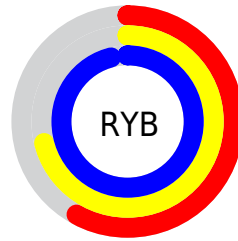
The YUV color **188.2940, 27.4631, -35.3378** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **203.7060, -27.4631, 35.3378**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.0500, 7.3704, -30.7388**, and **133.7670, 26.7369, -35.7527** is the 20% darker color. If you saturate the color by 10%, you get **174.0740, 34.4735, -43.9149**, and if you desaturate by 10%, it is **202.5140, 20.4526, -26.7608**.

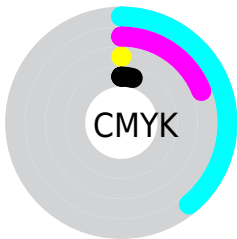
Distribution



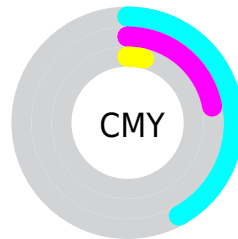
- Red (58%)
- Green (78%)
- Blue (96%)



- Red (58%)
- Yellow (71%)
- Blue (96%)



- Cyan (39%)
- Magenta (19%)
- Yellow (0%)
- Black (4%)



- Cyan (42%)
- Magenta (22%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.2940, 27.4631, -35.3378 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 188.2940, 27.4631, -35.3378 by changing the saturation by 10% instead.

■ 188.2940, 27.4631,
-35.3378

■ 188.2940, 27.4631,
-35.3378

255.0000, 0.0000,
0.0000

■ 160.7670, 26.7369,
-35.7527

■ 240.0500, 7.3704,
-30.7388

■ 133.7670, 26.7369,
-35.7527

■ 248.7210, 3.0955,
-12.9103

■ 107.6420, 26.3055,
-37.3970

■ 80.6200, 26.3163,
-40.8857

■ 54.1030, 27.0642,
-47.4483

■ 37.7520, 22.8003,
-33.1085

■ 23.3900, 18.5417,

-20.5130

■ 6.2070, 16.1669,
-5.4435

■ 2.4110, 6.6994,
-2.1144

■ 188.2940, 27.4631,
-35.3378

■ 188.2940, 27.4631,
-35.3378

■ 174.0740, 34.4735,
-43.9149

■ 202.5140, 20.4526,
-26.7608

■ 160.1420, 41.3420,
-53.6215

■ 216.4460, 13.5841,
-17.0541

■ 145.9220, 48.3525,
-62.1986

■ 230.6660, 6.5737,
-8.4771

■ 131.4030, 55.5103,
-71.3904

■ 245.1850, -0.5842,
0.7148

■ 117.7700, 62.2314,
-80.4823

■ 253.7460, -4.8048,
1.0998

■ 103.5500, 69.2418,
-89.0593

■ 102.3650, 69.8261,
-89.7741

Harmonies

Analogous

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



182.0760, 24.6125, -54.4407



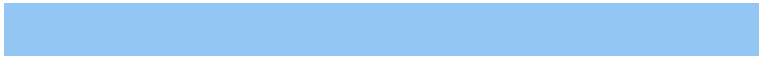
188.2940, 27.4631, -35.3378



193.8460, 23.7399, -7.7579

Triad

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



188.2940, 27.4631, -35.3378



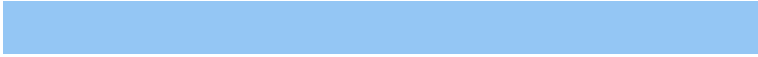
195.7560, -9.7397, 44.0640



186.2090, -13.9070, -19.4773

Complementary

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



188.2940, 27.4631, -35.3378



203.7060, -27.4631, 35.3378

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.



189.9470, -23.1449, 3.5545



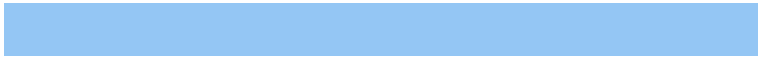
188.2940, 27.4631, -35.3378



194.6770, -20.0538, 38.8713

Square

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



188.2940, 27.4631, -35.3378



197.3280, 2.7963, 36.5463



192.2100, -25.2465, 24.3718



182.7360, 0.1302, -41.8645

Rectangle

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



188.2940, 27.4631, -35.3378



196.1750, 18.1547, 10.3705



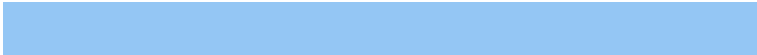
192.2100, -25.2465, 24.3718



187.3410, -17.4231, -11.7001

Sweetspot

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



188.2940, 27.4631, -35.3378



236.9260, 8.9105, -11.3361



209.4820, -8.1256, -53.9197



117.3350, 5.2578, -6.4328



0.0000, 0.0000, 0.0000



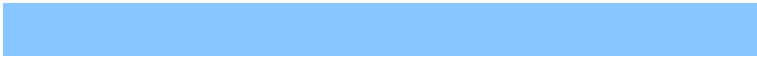
128.0000, 0.0000, 0.0000

Same Dimension

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



188.2940, 27.4631, -35.3378



185.6610, 34.1841, -44.4297



160.7050, 41.0644, -11.1423



115.4770, 3.2158, -4.8033



78.1430, 53.1735, -68.5314



24.9230, 16.8000, -21.8575

Inverse Universe

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



182.4040, 7.6888, 54.0197



178.0620, 9.8294, 67.4746



231.2950, -41.0644, 11.1423



114.3860, 1.2887, 6.6775



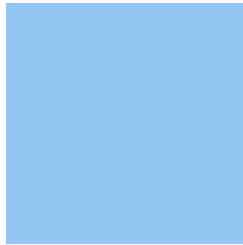
66.6720, 14.9517, 104.6507



21.1750, 4.8437, 33.1725

Previews

White Background



This preview shows how the YUV color 188.2940, 27.4631, -35.3378 looks on a white background.

Color Contrast Check

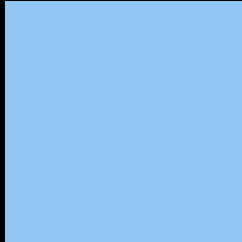
Large Text (above 18pt) WCAG AA × Fail

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 188.2940, 27.4631, -35.3378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

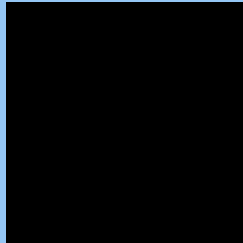
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

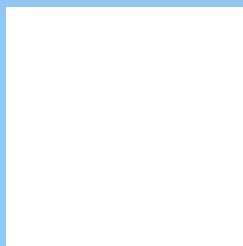
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 188.2940, 27.4631, -35.3378

Background



This preview shows how black text looks on a background with the YUV color 188.2940, 27.4631, -35.3378.



This preview shows how white text looks on a background with the YUV color 188.2940, 27.4631, -35.3378.

-35.3378.

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

188.2940, 27.4631, -35.3378

Protanopia

192.8950, 22.7298, -10.4319

Deuteranopia

193.7040, 25.7819, -9.3874



Tritanopia

185.6990, 16.4174, -39.2010

Trichromacy



Original Color

188.2940, 27.4631, -35.3378

Protanomaly

191.2960, 24.5041, -19.5536

Deuteranomaly

191.4640, 26.3932, -18.8239

Tritanomaly

187.0350, 20.1957, -37.7417

Monochromacy



Original Color

188.2940, 27.4631, -35.3378

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

188.1430, 9.7895, -13.2804

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.2940, 27.4631, -35.3378 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(148, 198, 244)` looks like.

```
.text, #text, p{  
    color:rgb(148, 198, 244)  
}
```

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(148, 198, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 198, 244) }
```

Border

The CSS property to change the border of an element to YUV 188.2940, 27.4631, -35.3378 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(148, 198, 244) }
```


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

```
.border{ border-color:rgb(148, 198, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 198, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 198, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 198, 244);  
box-shadow:4px 4px 4px 4px rgb(148, 198,  
244) }
```

Background

The CSS property to change the background color of an element to YUV 188.2940, 27.4631, -35.3378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 198, 244) }
```

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

```
.background{ background-color: rgb(148,  
198, 244) }
```

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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