

Converting Colors

YUV(189.1250, 30.5044,
-30.8046)

Have a look what the booklet for
YUV(189.1250, 30.5044, -30.8046)
contains.

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Color

**YUV(189.1250, 30.5044,
-30.8046)**

Conversions

Conversions Part 1

Format	Color
Hex	9AC3FB
RGB	154, 195, 251
RGB Percent	60%, 76%, 98%
CMY	0.3961, 0.2353, 0.0157
CMYK	0.39, 0.22, 0.00, 0.02
HSL	215°, 92%, 79%
HSV	215°, 39%, 98%
XYZ	50.2541, 52.8653, 98.8221
YIQ	189.1250, -42.4120, 8.7240

Conversions

Conversions Part 2

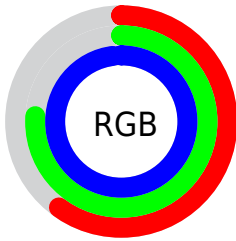
Format	Color
RYB	154, 183, 251
Decimal	10142715
CIELab	77.80, 0.02, -31.92
CIELCh	78, 31.924, 270.035
Yxy	52.8653, 0.2489, 0.2618
Android (android.graphics.Color)	4288332795 (0xFF9AC3FB)
YUV	189.1250, 30.5044, -30.8046
Hunter-Lab	72.7085, -3.8656, -29.6883

Details

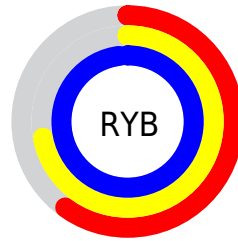
The YUV color **189.1250, 30.5044, -30.8046** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **215.8750, -30.5044, 30.8046**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.4960, 7.6435, -24.9910**, and **135.0710, 29.0520, -31.6343** is the 20% darker color. If you saturate the color by 10%, you get **173.4320, 38.2410, -38.9669**, and if you desaturate by 10%, it is **204.8180, 22.7677, -22.6424**.

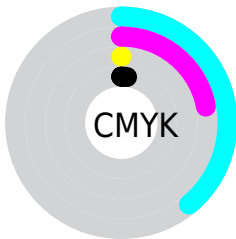
Distribution



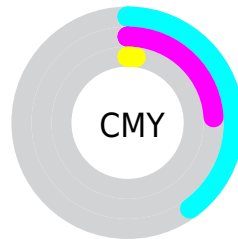
- Red (60%)
- Green (76%)
- Blue (98%)



- Red (60%)
- Yellow (72%)
- Blue (98%)



- Cyan (39%)
- Magenta (22%)
- Yellow (0%)
- Black (2%)



- Cyan (40%)
- Magenta (24%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.1250, 30.5044, -30.8046 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 189.1250, 30.5044, -30.8046 by changing the saturation by 10% instead.

■ 189.1250, 30.5044,
-30.8046

■ 189.1250, 30.5044,
-30.8046

255.0000, 0.0000,
0.0000

■ 161.5980, 29.7782,
-31.2194

■ 239.4960, 7.6435,
-24.9910

■ 135.0710, 29.0520,
-31.6343

■ 250.5150, 2.2111,
-9.2217

■ 108.3590, 28.9100,
-32.7638

■ 82.2230, 28.4841,
-36.1526

■ 53.0260, 30.5532,
-46.5038

■ 37.2620, 25.9998,
-32.6788

■ 22.7860, 21.3045,

-19.9833

■ 6.7770, 18.3509,
-5.9434

■ 3.0950, 9.3202,
-2.7143

■ 189.1250, 30.5044,
-30.8046

■ 189.1250, 30.5044,
-30.8046

■ 173.4320, 38.2410,
-38.9669

■ 204.8180, 22.7677,
-22.6424

■ 157.1520, 46.2671,
-46.6143

■ 221.0980, 14.7417,
-14.9949

■ 141.4590, 54.0037,
-54.7765

■ 236.7910, 7.0050,
-6.8327

■ 125.1790, 62.0298,
-62.4240

■ 253.0710, -1.0210,
0.8147

■ 109.1870, 69.9138, 254.5440, -1.7472,
-71.2010 0.3999

■ 92.9070, 77.9398,
-78.8484

■ 90.8360, 78.9609,
-79.6632

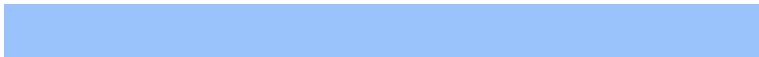
Harmonies

Analogous

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



180.9490, 30.5911, -58.7143



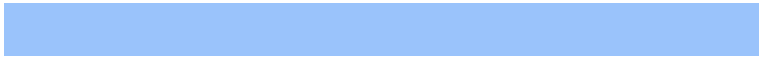
189.1250, 30.5044, -30.8046



195.2000, 23.5654, 1.5786

Triad

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



189.1250, 30.5044, -30.8046



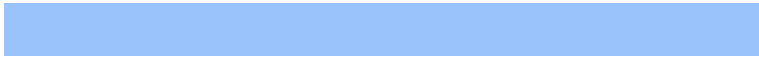
195.2960, -15.4289, 48.8524



183.3430, -10.5221, -31.8728

Complementary

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



189.1250, 30.5044, -30.8046



215.8750, -30.5044, 30.8046

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.



187.1910, -23.2652, -4.5525



189.1250, 30.5044, -30.8046



193.0100, -25.1479, 39.4562

Square

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



189.1250, 30.5044, -30.8046



196.2430, -1.5988, 46.2679



190.3790, -28.2878, 19.8386



178.8420, 5.9939, -55.9894

Rectangle

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



189.1250, 30.5044, -30.8046



196.6000, 16.9592, 20.5218



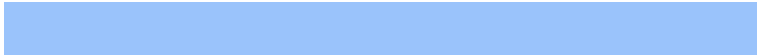
190.3790, -28.2878, 19.8386



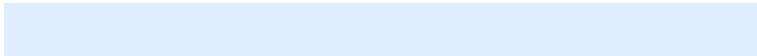
184.7310, -15.6434, -22.5661

Sweetspot

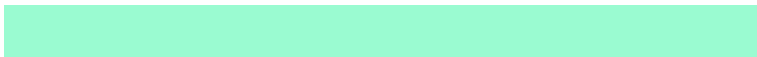
The Sweet Spot groups the original color and five complimentary colors.



189.1250, 30.5044, -30.8046



235.1650, 9.7787, -9.7917



217.2090, -4.0470, -55.4343



116.1610, 5.8366, -5.4032



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.



189.1250, 30.5044, -30.8046



180.1010, 36.9252, -36.9226



166.8520, 41.4850, -6.0092



117.0040, 3.9420, -4.3885



68.5060, 59.4035, -60.0798



22.2160, 19.1205, -19.4834

Inverse Universe

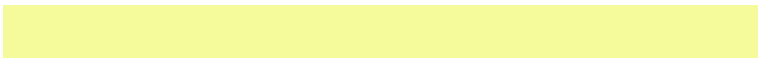
The Inverse Universe completely reimagines the original color for something new.



187.6770, 3.6102, 55.5343



178.5690, 4.1565, 67.0300



238.1480, -41.4850, 6.0092



116.5710, 0.7045, 7.3922



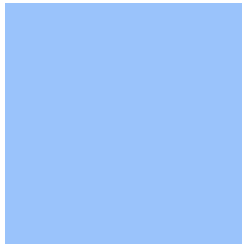
65.6310, 7.0839, 108.1946



21.2030, 2.3649, 34.9020

Previews

White Background



This preview shows how the YUV color 189.1250, 30.5044, -30.8046 looks on a white background.

Color Contrast Check

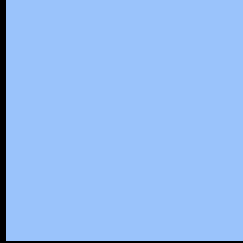
Large Text (above 18pt) WCAG AA × Fail

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 189.1250, 30.5044, -30.8046 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

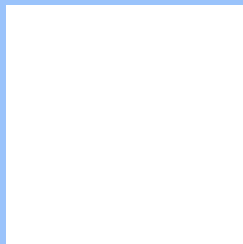
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 189.1250, 30.5044, -30.8046

Background



This preview shows how black text looks on a background with the YUV color 189.1250, 30.5044, -30.8046.



This preview shows how white text looks on a background with the YUV color 189.1250, 30.5044, -30.8046.

-30.8046.

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

189.1250, 30.5044, -30.8046

Protanopia

192.6110, 26.8138, -13.6908

Deuteranopia

192.5940, 29.2872, -13.6759



Tritanopia

186.0800, 15.2436, -36.0272

Trichromacy



Original Color

189.1250, 30.5044, -30.8046

Protanomaly

191.5070, 27.8510, -19.7386

Deuteranomaly

191.3760, 29.8876, -19.6238

Tritanomaly

187.1710, 20.6217, -34.3530

Monochromacy



Original Color

189.1250, 30.5044, -30.8046

Achromatopsia

189.0000, 0.0000, 0.0000

Achromatomaly

188.9090, 11.3839, -11.3212

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.1250, 30.5044, -30.8046 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(154, 195, 251)` looks like.

```
.text, #text, p{  
    color:rgb(154, 195, 251)  
}
```

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(154, 195, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 195, 251) }
```

Border

The CSS property to change the border of an element to YUV 189.1250, 30.5044, -30.8046 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(154, 195, 251) }
```


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

```
.border{ border-color:rgb(154, 195, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 195, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 195, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 195, 251);  
box-shadow:4px 4px 4px 4px rgb(154, 195,  
251) }
```

Background

The CSS property to change the background color of an element to YUV 189.1250, 30.5044, -30.8046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 195, 251) }
```

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

```
.background{ background-color: rgb(154,  
195, 251) }
```

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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