

Converting Colors

YUV(188.5050, 30.8100,
-35.5229)

Have a look what the booklet for
YUV(188.5050, 30.8100, -35.5229)
contains.

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Color

**YUV(188.5050, 30.8100,
-35.5229)**

Conversions

Conversions Part 1

Format	Color
Hex	94C5FB
RGB	148, 197, 251
RGB Percent	58%, 77%, 98%
CMY	0.4196, 0.2275, 0.0157
CMYK	0.41, 0.22, 0.00, 0.02
HSL	211°, 93%, 78%
HSV	211°, 41%, 98%
XYZ	49.5916, 53.1934, 98.9204
YIQ	188.5050, -46.5380, 6.4060

Conversions

Conversions Part 2

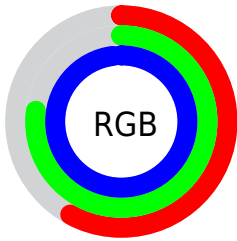
Format	Color
R_{YB}	148, 181, 251
Decimal	9750011
CIE _{Lab}	77.99, -2.60, -31.65
CIE _{LCh}	78, 31.760, 265.304
Yxy	53.1934, 0.2459, 0.2637
Android (android.graphics.Color)	4287940091 (0xFF94C5FB)
YUV	188.5050, 30.8100, -35.5229
Hunter-Lab	72.9338, -6.2626, -29.3615

Details

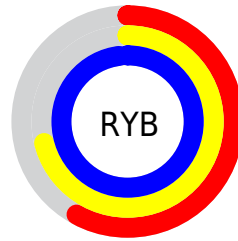
The YUV color **188.5050, 30.8100, -35.5229** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **210.4950, -30.8100, 35.5229**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.4630, 7.6597, -30.2241**, and **133.5650, 29.7945, -36.4525** is the 20% darker color. If you saturate the color by 10%, you get **173.3990, 38.2573, -44.1999**, and if you desaturate by 10%, it is **203.6110, 23.3628, -26.8458**.

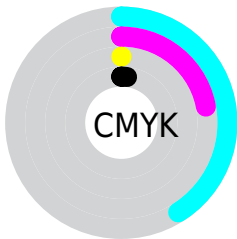
Distribution



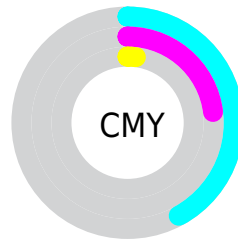
- Red (58%)
- Green (77%)
- Blue (98%)



- Red (58%)
- Yellow (71%)
- Blue (98%)



- Cyan (41%)
- Magenta (22%)
- Yellow (0%)
- Black (2%)



- Cyan (42%)
- Magenta (23%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.5050, 30.8100, -35.5229 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 188.5050, 30.8100, -35.5229 by changing the saturation by 10% instead.

■ 188.5050, 30.8100,
-35.5229

■ 188.5050, 30.8100,
-35.5229

255.0000, 0.0000,
0.0000

■ 160.9780, 30.0838,
-35.9377

■ 239.4630, 7.6597,
-30.2241

■ 133.5650, 29.7945,
-36.4525

■ 248.7210, 3.0955,
-12.9103

■ 107.1410, 29.5105,
-38.7117

■ 79.8200, 29.6687,
-42.8151

■ 54.2000, 29.9744,
-47.5334

■ 38.4360, 25.4211,
-33.7084

■ 23.3730, 21.0151,

-20.4981

■ 6.7770, 18.3509,
-5.9434

■ 3.0950, 9.3202,
-2.7143

■ 188.5050, 30.8100,
-35.5229

■ 188.5050, 30.8100,
-35.5229

■ 173.3990, 38.2573,
-44.1999

■ 203.6110, 23.3628,
-26.8458

■ 158.2930, 45.7046,
-52.8770

■ 218.7170, 15.9155,
-18.1688

■ 143.1870, 53.1518,
-61.5540

■ 233.8230, 8.4683,
-9.4918

■ 127.4940, 60.8885,
-69.7162

■ 249.5160, 0.7316,
-1.3295

■ 112.3880, 68.3357,
-78.3933

■ 254.5440, -1.7472,
0.3999

■ 98.4670, 75.1988,
-86.3556

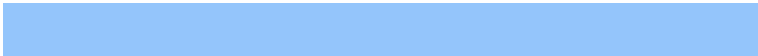
Harmonies

Analogous

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



180.8840, 29.1442, -61.2883



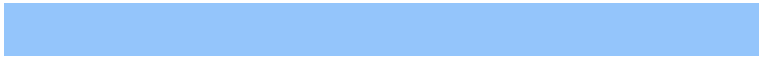
188.5050, 30.8100, -35.5229



194.9220, 25.1815, -3.4396

Triad

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



188.5050, 30.8100, -35.5229



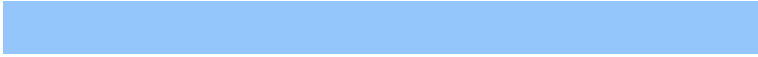
195.5780, -13.1030, 49.4821



184.3930, -13.0117, -26.6547

Complementary

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



188.5050, 30.8100, -35.5229



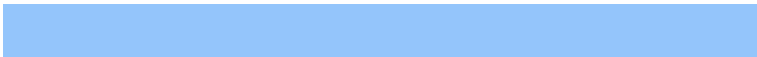
210.4950, -30.8100, 35.5229

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.



188.8710, -24.5864, -0.7639



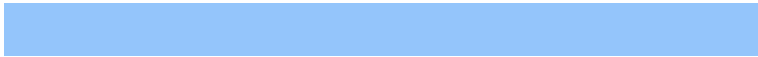
188.5050, 30.8100, -35.5229



193.6620, -23.9904, 41.5154

Square

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



188.5050, 30.8100, -35.5229



196.9160, 1.0274, 43.9237



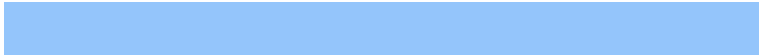
191.4010, -28.2987, 23.3273



180.1800, 3.3623, -51.9009

Rectangle

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



188.5050, 30.8100, -35.5229



196.9200, 18.2804, 16.7332



191.4010, -28.2987, 23.3273



186.2970, -17.4014, -18.6775

Sweetspot

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



188.5050, 30.8100, -35.5229



236.3390, 9.1999, -10.8213



214.5030, -6.6570, -58.3231



116.7480, 5.5472, -5.9180



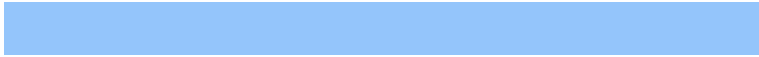
0.0000, 0.0000, 0.0000



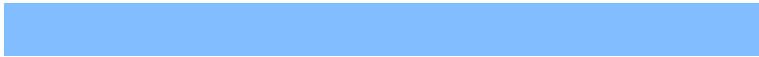
128.0000, 0.0000, 0.0000

Same Dimension

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



188.5050, 30.8100, -35.5229



178.8830, 37.5257, -42.8704



160.3400, 44.6954, -9.0682



117.0040, 3.9420, -4.3885



74.3760, 56.5096, -65.2278



23.9770, 18.2523, -21.0278

Inverse Universe

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



184.3830, 6.2202, 58.4231



174.1010, 7.3452, 70.9484



238.6600, -44.6954, 9.0682



116.5710, 0.7045, 7.3922



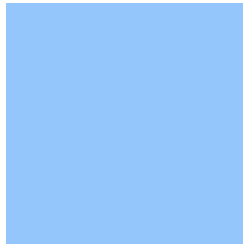
66.7710, 11.4519, 107.1948



21.5450, 3.6753, 34.6020

Previews

White Background



This preview shows how the YUV color 188.5050, 30.8100, -35.5229 looks on a white background.

Color Contrast Check

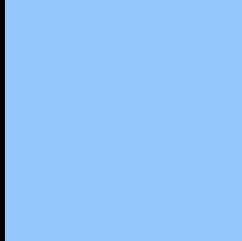
Large Text (above 18pt) WCAG AA × Fail

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 188.5050, 30.8100, -35.5229 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

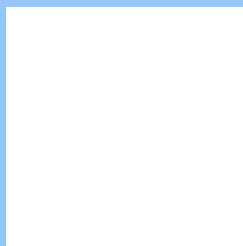
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 188.5050, 30.8100, -35.5229

Background



This preview shows how black text looks on a background with the YUV color 188.5050, 30.8100, -35.5229.



This preview shows how white text looks on a background with the YUV color 188.5050, 30.8100, -35.5229.

-35.5229.

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

188.5050, 30.8100, -35.5229

Protanopia

192.7960, 26.2296, -12.9761

Deuteranopia

193.0070, 29.5765, -13.1611



Tritanopia

185.6880, 16.4228, -40.9454

Trichromacy



Original Color

188.5050, 30.8100, -35.5229

Protanomaly

191.4960, 27.8565, -21.4830

Deuteranomaly

191.3650, 29.8931, -21.3681

Tritanomaly

186.7790, 21.8010, -39.2712

Monochromacy



Original Color

188.5050, 30.8100, -35.5229

Achromatopsia

189.0000, 0.0000, 0.0000

Achromatomaly

188.8980, 11.3893, -13.0655

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.5050, 30.8100, -35.5229 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, 197, 251)` looks like.

```
.text, #text, p{  
    color:rgb(148, 197, 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(148, 197, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 197, 251) }
```

Border

The CSS property to change the border of an element to YUV 188.5050, 30.8100, -35.5229 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, 197, 251) }
```


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

```
.border{ border-color:rgb(148, 197, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 197, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 197, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 197, 251);  
box-shadow:4px 4px 4px 4px rgb(148, 197,  
251) }
```

Background

The CSS property to change the background color of an element to YUV 188.5050, 30.8100, -35.5229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 197, 251) }
```

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

```
.background{ background-color: rgb(148,  
197, 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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