

Converting Colors

YUV(189.6860, 26.2838,
-30.4196)

Have a look what the booklet for
YUV(189.6860, 26.2838, -30.4196)
contains.

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Color

**YUV(189.6860, 26.2838,
-30.4196)**

Conversions

Conversions Part 1

Format	Color
Hex	9BC5F3
RGB	155, 197, 243
RGB Percent	61%, 77%, 95%
CMY	0.3922, 0.2275, 0.0471
CMYK	0.36, 0.19, 0.00, 0.05
HSL	211°, 79%, 78%
HSV	211°, 36%, 95%
XYZ	49.6615, 53.3721, 92.4784
YIQ	189.6860, -39.7980, 5.4020

Conversions

Conversions Part 2

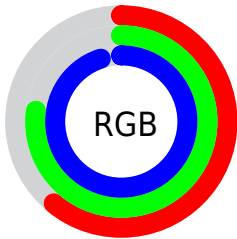
Format	Color
RYB	155, 183, 243
Decimal	10208755
CIELab	78.09, -2.86, -27.17
CIELCh	78, 27.324, 263.983
Yxy	53.3721, 0.2540, 0.2730
Android (android.graphics.Color)	4288398835 (0xFF9BC5F3)
YUV	189.6860, 26.2838, -30.4196
Hunter-Lab	73.0562, -6.5093, -23.9130

Details

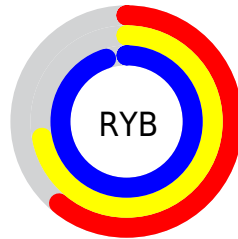
The YUV color **189.6860, 26.2838, -30.4196** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **208.3140, -26.2838, 30.4196**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.5560, 6.6279, -25.9206**, and **135.1590, 25.5576, -30.8344** is the 20% darker color. If you saturate the color by 10%, you get **174.8790, 33.5837, -38.4819**, and if you desaturate by 10%, it is **204.4930, 18.9840, -22.3574**.

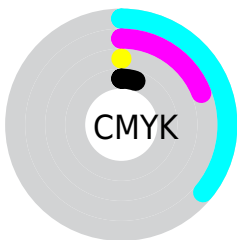
Distribution



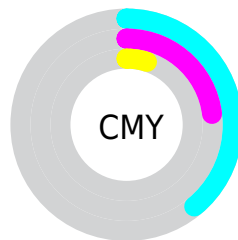
- Red (61%)
- Green (77%)
- Blue (95%)



- Red (61%)
- Yellow (72%)
- Blue (95%)



- Cyan (36%)
- Magenta (19%)
- Yellow (0%)
- Black (5%)



- Cyan (39%)
- Magenta (23%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.6860, 26.2838, -30.4196 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 189.6860, 26.2838, -30.4196 by changing the saturation by 10% instead.

■ 189.6860, 26.2838,
-30.4196

■ 189.6860, 26.2838,
-30.4196

255.0000, 0.0000,
0.0000

■ 162.2730, 25.9944,
-30.9344

■ 241.5560, 6.6279,
-25.9206

■ 135.1590, 25.5576,
-30.8344

■ 250.8140, 2.0637,
-8.6069

■ 109.3330, 24.9788,
-31.8640

■ 83.2080, 24.5475,
-33.5084

■ 56.0930, 25.5902,
-41.3006

■ 37.6380, 22.3635,
-33.0085

■ 22.6890, 18.3943,

-19.8983

■ 6.0930, 15.7302,
-5.3436

■ 2.2970, 6.2626,
-2.0145

■ 189.6860, 26.2838,
-30.4196

■ 189.6860, 26.2838,
-30.4196

■ 174.8790, 33.5837,
-38.4819

■ 204.4930, 18.9840,
-22.3574

■ 160.3600, 40.7415,
-47.6737

■ 219.0120, 11.8261,
-13.1655

■ 145.5530, 48.0414,
-55.7360

■ 233.8190, 4.5262,
-5.1033

■ 130.7460, 55.3412,
-63.7982

■ 248.6260, -2.7736,
2.9590

■ 115.6400, 62.7885,
-72.4753

■ 253.6320, -5.2416,
1.1997

■ 101.4200, 69.7989,
-81.0523

■ 95.7940, 72.5726,
-84.0113

Harmonies

Analogous

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



184.2830, 24.0175, -50.2372



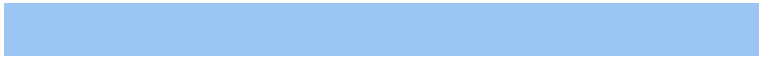
189.6860, 26.2838, -30.4196



194.4120, 21.9819, -3.8693

Triad

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



189.6860, 26.2838, -30.4196



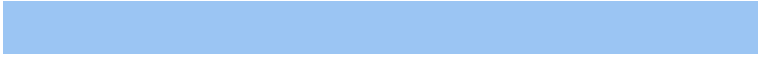
196.4030, -11.0447, 42.6196



186.4690, -11.5702, -22.3363

Complementary

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



189.6860, 26.2838, -30.4196



208.3140, -26.2838, 30.4196

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.



189.6800, -21.5342, 0.2806



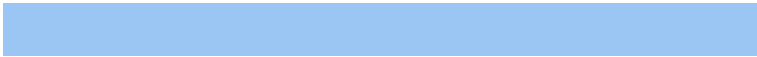
189.6860, 26.2838, -30.4196



194.2530, -20.3377, 36.6121

Square

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



189.6860, 26.2838, -30.4196



197.1710, 0.9017, 37.5610



192.7150, -24.5095, 21.2979



182.8930, 2.0248, -42.8792

Rectangle

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



189.6860, 26.2838, -30.4196



197.0290, 16.2547, 13.1296



192.7150, -24.5095, 21.2979



187.4870, -15.5231, -14.4591

Sweetspot

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



189.6860, 26.2838, -30.4196



237.8230, 8.4683, -9.4918



211.7860, -5.8105, -49.8013



117.6340, 5.1104, -5.8180



0.0000, 0.0000, 0.0000



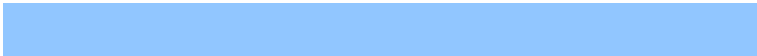
128.0000, 0.0000, 0.0000

Same Dimension

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



189.6860, 26.2838, -30.4196



188.6510, 32.7101, -38.2819



165.3310, 38.2908, -8.1833



114.8900, 3.5052, -4.2885



73.4470, 55.4886, -64.4130



23.1620, 17.6681, -20.3131

Inverse Universe

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



186.1000, 5.3737, 49.9013



183.9320, 6.9355, 62.3266



232.6690, -38.2908, 8.1833



114.2720, 0.8519, 6.7775



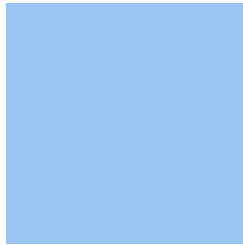
65.7600, 11.4573, 105.4505



20.8330, 3.5333, 33.4725

Previews

White Background



This preview shows how the YUV color 189.6860, 26.2838, -30.4196 looks on a white background.

Color Contrast Check

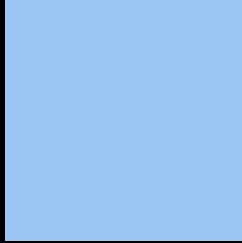
Large Text (above 18pt) WCAG AA × Fail

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 189.6860, 26.2838, -30.4196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

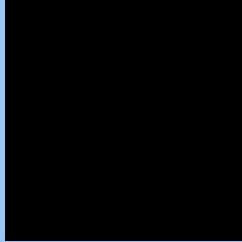
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

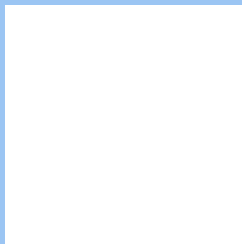
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 189.6860, 26.2838, -30.4196

Background



This preview shows how black text looks on a background with the YUV color 189.6860, 26.2838, -30.4196.



This preview shows how white text looks on a background with the YUV color 189.6860, 26.2838, -30.4196.

-30.4196.

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

189.6860, 26.2838, -30.4196

Protanopia

193.3680, 22.0036, -10.8467

Deuteranopia

193.8890, 25.1977, -8.6727



Tritanopia

187.3900, 15.0907, -33.6680

Trichromacy



Original Color

189.6860, 26.2838, -30.4196

Protanomaly

192.0790, 23.6251, -17.6093

Deuteranomaly

192.2470, 25.5142, -16.8796

Tritanomaly

188.4270, 19.0165, -32.8235

Monochromacy



Original Color

189.6860, 26.2838, -30.4196

Achromatopsia

190.0000, 0.0000, 0.0000

Achromatomaly

190.0400, 9.3473, -11.4361

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.6860, 26.2838, -30.4196 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(155, 197, 243)` looks like.

```
.text, #text, p{  
    color:rgb(155, 197, 243)  
}
```

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(155, 197, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 197, 243) }
```

Border

The CSS property to change the border of an element to YUV 189.6860, 26.2838, -30.4196 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

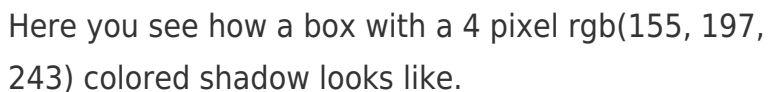
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 197, 243) }
```


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

```
.border{ border-color:rgb(155, 197, 243) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 197, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 197, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 197, 243);  
box-shadow:4px 4px 4px 4px rgb(155, 197,  
243) }
```

Background

The CSS property to change the background color of an element to YUV 189.6860, 26.2838, -30.4196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 197, 243) }
```

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

```
.background{ background-color: rgb(155,  
197, 243) }
```

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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