

Converting Colors

YUV(199.6860, 26.2838,
-30.4196)

Have a look what the booklet for
YUV(199.6860, 26.2838, -30.4196)
contains.

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Color

**YUV(199.6860, 26.2838,
-30.4196)**

Conversions

Conversions Part 1

Format	Color
Hex	A5CFFD
RGB	165, 207, 253
RGB Percent	65%, 81%, 99%
CMY	0.3529, 0.1882, 0.0078
CMYK	0.35, 0.18, 0.00, 0.01
HSL	211°, 96%, 82%
HSV	211°, 35%, 99%
XYZ	55.5595, 59.7168, 101.5267
YIQ	199.6860, -39.7980, 5.4020

Conversions

Conversions Part 2

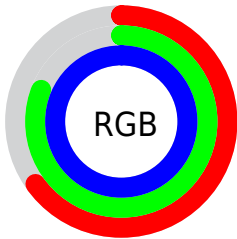
Format	Color
R _Y B	165, 193, 253
Decimal	10866685
CIE Lab	81.68, -2.99, -26.97
CIE LCh	82, 27.135, 263.679
Yxy	59.7168, 0.2563, 0.2754
Android (android.graphics.Color)	4289056765 (0xFFA5CFFD)
YUV	199.6860, 26.2838, -30.4196
Hunter-Lab	77.2767, -6.8983, -23.8020

Details

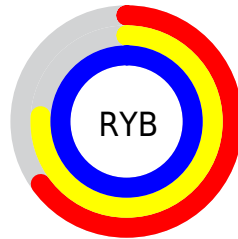
The YUV color **199.6860, 26.2838, -30.4196** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **218.3140, -26.2838, 30.4196**, and the grayscale version is **199.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **245.1330, 4.8644, -20.2876**, and **145.0450, 25.1208, -30.7345** is the 20% darker color. If you saturate the color by 10%, you get **184.5800, 33.7311, -39.0967**, and if you desaturate by 10%, it is **214.7920, 18.8365, -21.7426**.

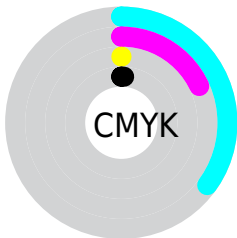
Distribution



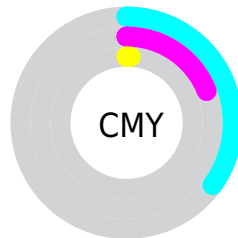
- Red (65%)
- Green (81%)
- Blue (99%)



- Red (65%)
- Yellow (76%)
- Blue (99%)



- Cyan (35%)
- Magenta (18%)
- Yellow (0%)
- Black (1%)



- Cyan (35%)
- Magenta (19%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.6860, 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 199.6860, 26.2838, -30.4196 by changing the saturation by 10% instead.

■ 199.6860, 26.2838,
-30.4196

■ 199.6860, 26.2838,
-30.4196

■ 255.0000, 0.0000,
0.0000

■ 172.1590, 25.5576,
-30.8344

■ 245.1330, 4.8644,
-20.2876

■ 145.0450, 25.1208,
-30.7345

■ 253.8040, 0.5896,
-2.4591

■ 118.6320, 24.8314,
-31.2493

■ 92.8060, 24.2526,
-32.2789

■ 66.5990, 24.8477,
-36.4823

■ 42.7730, 24.2689,
-37.5119

■ 27.7100, 19.8630,

-24.3017

■ 12.2880, 16.6200,
-10.7766

■ 3.3230, 10.1938,
-2.9143

■ 199.6860, 26.2838,
-30.4196

■ 199.6860, 26.2838,
-30.4196

■ 184.5800, 33.7311,
-39.0967

■ 214.7920, 18.8365,
-21.7426

■ 169.1750, 41.3257,
-48.3885

■ 230.1970, 11.2419,
-12.4508

■ 153.4820, 49.0624,
-56.5507

■ 245.8900, 3.5052,
-4.2885

■ 138.3760, 56.5096,
-65.2278

■ 254.7720, -0.8736,
0.2000

■ 123.2700, 63.9569,
-73.9048

■ 107.8650, 71.5516,
-83.1966

■ 99.8690, 75.4936,
-87.5851

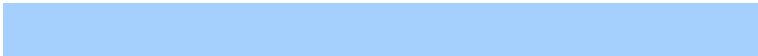
Harmonies

Analogous

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



194.2830, 24.0175, -50.2372



199.6860, 26.2838, -30.4196



204.4120, 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.



199.6860, 26.2838, -30.4196



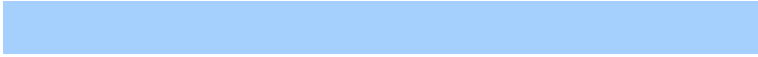
206.4030, -11.0447, 42.6196



196.3550, -12.0070, -22.2363

Complementary

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



199.6860, 26.2838, -30.4196



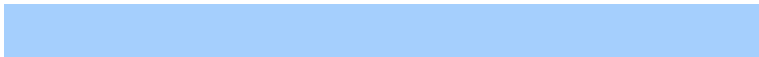
218.3140, -26.2838, 30.4196

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.



199.9790, -21.6816, 0.8954



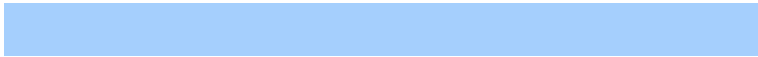
199.6860, 26.2838, -30.4196



204.5520, -20.4851, 37.2269

Square

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



199.6860, 26.2838, -30.4196



207.1710, 0.9017, 37.5610



202.7150, -24.5095, 21.2979



193.1920, 1.8773, -42.2644

Rectangle

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



199.6860, 26.2838, -30.4196



207.0290, 16.2547, 13.1296



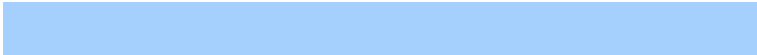
202.7150, -24.5095, 21.2979



197.4870, -15.5231, -14.4591

Sweetspot

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



199.6860, 26.2838, -30.4196



239.8940, 7.4473, -8.6770



221.7860, -5.8105, -49.8013



118.5200, 4.6736, -5.7180



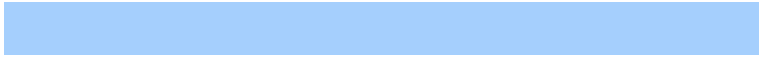
0.0000, 0.0000, 0.0000



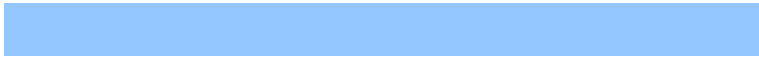
128.0000, 0.0000, 0.0000

Same Dimension

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



199.6860, 26.2838, -30.4196



190.1350, 31.9784, -36.9524



175.3310, 38.2908, -8.1833



120.0040, 3.9420, -4.3885



75.1910, 57.0938, -65.9425



24.9060, 19.2733, -21.8426

Inverse Universe

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



196.1000, 5.3737, 49.9013



185.8070, 6.5041, 60.6823



242.6690, -38.2908, 8.1833



119.5710, 0.7045, 7.3922



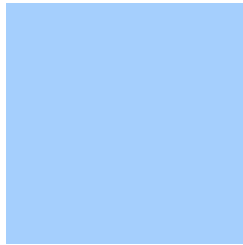
67.4830, 11.5939, 108.3244



22.5560, 3.6699, 36.3464

Previews

White Background



This preview shows how the YUV color 199.6860, 26.2838, -30.4196 looks on a white background.

Color Contrast Check

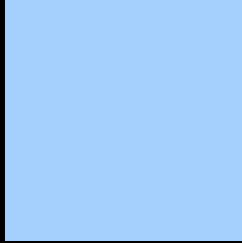
Large Text (above 18pt) WCAG AA × Fail

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 199.6860, 26.2838, -30.4196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

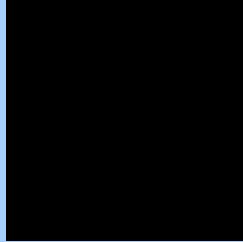
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

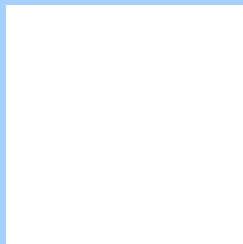
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 199.6860, 26.2838, -30.4196

Background



This preview shows how black text looks on a background with the YUV color 199.6860, 26.2838, -30.4196.



This preview shows how white text looks on a background with the YUV color 199.6860, 26.2838, -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

199.6860, 26.2838, -30.4196

Protanopia

203.3680, 22.0036, -10.8467

Deuteranopia

204.1880, 25.0503, -8.0579



Tritanopia

197.3900, 15.0907, -33.6680

Trichromacy



Original Color

199.6860, 26.2838, -30.4196

Protanomaly

202.0790, 23.6251, -17.6093

Deuteranomaly

202.5460, 25.3668, -16.2648

Tritanomaly

198.4270, 19.0165, -32.8235

Monochromacy



Original Color

199.6860, 26.2838, -30.4196

Achromatopsia

200.0000, 0.0000, 0.0000

Achromatomaly

200.0400, 9.3473, -11.4361

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.6860, 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(165, 207, 253)` looks like.

```
.text, #text, p{  
    color:rgb(165, 207, 253)  
}
```

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(165, 207, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 207, 253) }
```

Border

The CSS property to change the border of an element to YUV 199.6860, 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(165, 207, 253) }
```


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

```
.border{ border-color:rgb(165, 207, 253) }
```

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

Here you see how a box with a 4 pixel rgb(165, 207, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 207, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 207, 253);  
box-shadow:4px 4px 4px 4px rgb(165, 207,  
253) }
```

Background

The CSS property to change the background color of an element to YUV 199.6860, 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(165, 207, 253) }
```

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

```
.background{ background-color: rgb(165,  
207, 253) }
```

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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