

Converting Colors

YUV(212.2800, 18.5960,
-37.9566)

Have a look what the booklet for
YUV(212.2800, 18.5960, -37.9566)
contains.

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Color

**YUV(212.2800, 18.5960,
-37.9566)**

Conversions

Conversions Part 1

Format	Color
Hex	A9E3FA
RGB	169, 227, 250
RGB Percent	66%, 89%, 98%
CMY	0.3373, 0.1098, 0.0196
CMYK	0.32, 0.09, 0.00, 0.02
HSL	197°, 89%, 82%
HSV	197°, 32%, 98%
XYZ	61.0866, 70.2753, 100.7874
YIQ	212.2800, -41.9510, -5.1430

Conversions

Conversions Part 2

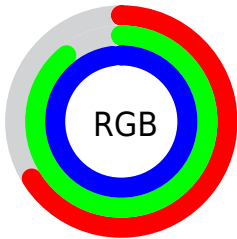
Format	Color
R_{YB}	169, 203, 250
Decimal	11133946
CIE _{Lab}	87.13, -13.04, -17.10
CIE _{LCh}	87, 21.507, 232.671
Yxy	70.2753, 0.2631, 0.3027
Android (android.graphics.Color)	4289324026 (0xFFA9E3FA)
YUV	212.2800, 18.5960, -37.9566
Hunter-Lab	83.8304, -16.6315, -12.6018

Details

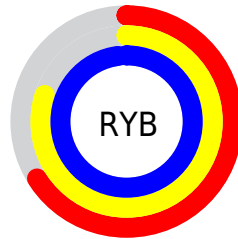
The YUV color $212.2800, 18.5960, -37.9566$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $206.7200, -18.5960, 37.9566$, and the grayscale version is $212.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $246.3290, 4.2748, -17.8285$, and $157.1660, 18.1592, -37.8566$ is the 20% darker color. If you saturate the color by 10%, you get $200.6960, 24.3069, -49.7224$, and if you desaturate by 10%, it is $223.8640, 12.8850, -26.1907$.

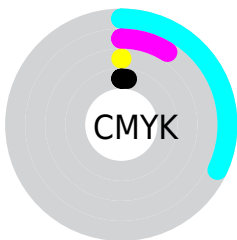
Distribution



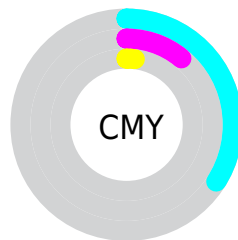
- Red (66%)
- Green (89%)
- Blue (98%)



- Red (66%)
- Yellow (80%)
- Blue (98%)



- Cyan (32%)
- Magenta (9%)
- Yellow (0%)
- Black (2%)



- Cyan (34%)
- Magenta (11%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 212.2800, 18.5960, -37.9566 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 212.2800, 18.5960, -37.9566 by changing the saturation by 10% instead.

■ 212.2800, 18.5960,
-37.9566

■ 212.2800, 18.5960,
-37.9566

255.0000, 0.0000,
0.0000

■ 184.1660, 18.1592,
-37.8566

■ 246.3290, 4.2748,
-17.8285

■ 157.1660, 18.1592,
-37.8566

■ 130.0520, 17.7224,
-37.7566

■ 103.7530, 17.8698,
-38.3714

■ 78.0300, 17.7332,
-41.2453

■ 51.9370, 18.7651,
-45.5487

■ 35.7000, 14.9379,

-31.3089

■ 21.4520, 11.1162,
-18.8134

■ 3.3230, 10.1938,
-2.9143

■ 212.2800, 18.5960,
-37.9566

■ 212.2800, 18.5960,
-37.9566

■ 200.6960, 24.3069,
-49.7224

■ 223.8640, 12.8850,
-26.1907

■ 189.1120, 30.0178,
-61.4882

■ 235.4480, 7.1741,
-14.4249

■ 177.5280, 35.7287,
-73.2541

■ 247.0320, 1.4632,
-2.6591

■ 165.9440, 41.4396,
-85.0199

■ 254.4300, -2.1840,
0.4999

■ 154.3600, 47.1505,
-96.7857

■ 142.1890, 53.1508,
-108.0368

■ 133.5730, 57.3985,
-117.1435

Harmonies

Analogous

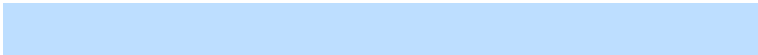
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



210.6080, 11.0393, -40.8752



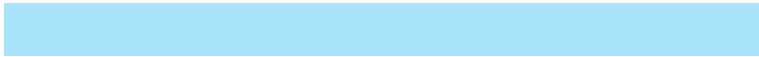
212.2800, 18.5960, -37.9566



215.8950, 19.2788, -23.5869

Triad

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



212.2800, 18.5960, -37.9566



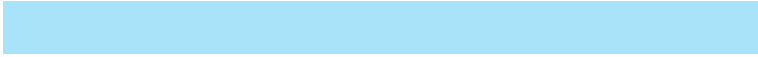
221.5290, 1.2182, 29.3541



216.0160, -17.7559, 1.7400

Complementary

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



212.2800, 18.5960, -37.9566



206.7200, -18.5960, 37.9566

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.



217.9580, -19.6993, 18.4538



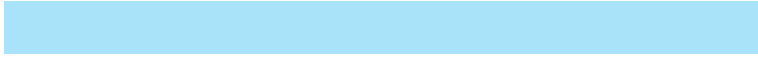
212.2800, 18.5960, -37.9566



219.7220, -8.2439, 30.9388

Square

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



212.2800, 18.5960, -37.9566



221.5580, 10.5709, 16.1736



220.2460, -16.3903, 30.4793



213.2570, -9.9867, -16.8884

Rectangle

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



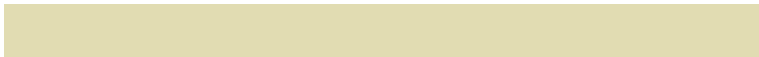
212.2800, 18.5960, -37.9566



218.3420, 18.0724, -9.9469



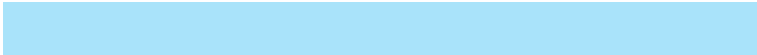
220.2460, -16.3903, 30.4793



216.7070, -19.0826, 7.2730

Sweetspot

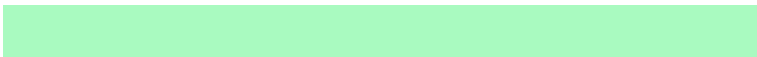
The Sweet Spot groups the original color and five complimentary colors.



212.2800, 18.5960, -37.9566



243.4160, 5.7109, -11.7658



219.1690, -13.3943, -43.9982



120.2810, 3.8055, -7.2624



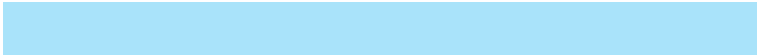
0.0000, 0.0000, 0.0000



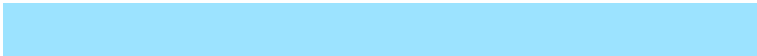
128.0000, 0.0000, 0.0000

Same Dimension

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



212.2800, 18.5960, -37.9566



208.9630, 22.6962, -46.4486



188.8000, 30.1716, -17.3646



118.7650, 3.0739, -5.9329



100.7910, 43.4870, -88.3937



32.7820, 13.9115, -28.7498

Inverse Universe

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



199.8310, 13.3943, 43.9982



193.6950, 16.4194, 53.7645



230.2000, -30.1716, 17.3646



116.9130, 2.0149, 7.0923



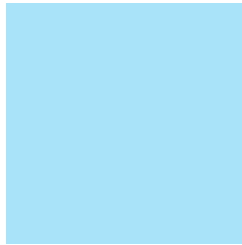
71.9010, 31.1078, 102.6958



23.2550, 10.2273, 33.1024

Previews

White Background



This preview shows how the YUV color 212.2800, 18.5960, -37.9566 looks on a white background.

Color Contrast Check

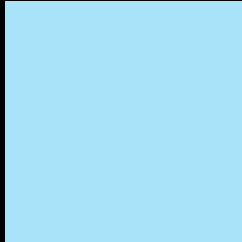
Large Text (above 18pt) WCAG AA × Fail

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 212.2800, 18.5960, -37.9566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

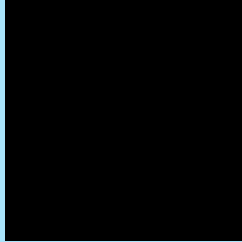
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 212.2800, 18.5960, -37.9566

Background



This preview shows how black text looks on a background with the YUV color 212.2800, 18.5960, -37.9566.



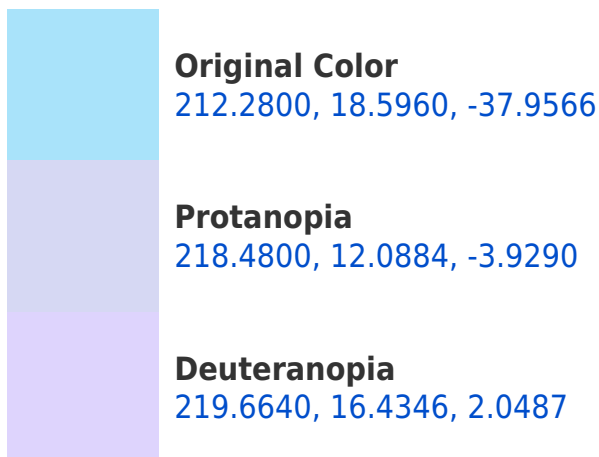
This preview shows how white text looks on a background with the YUV color 212.2800, 18.5960, -37.9566.

-37.9566.

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

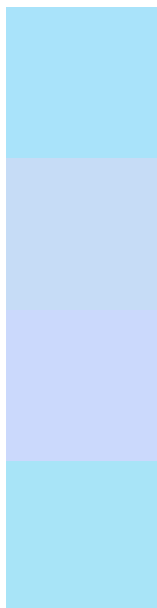




Tritanopia

212.1120, 16.7068, -38.6862

Trichromacy



Original Color

212.2800, 18.5960, -37.9566

Protanomaly

216.3860, 14.5997, -16.1245

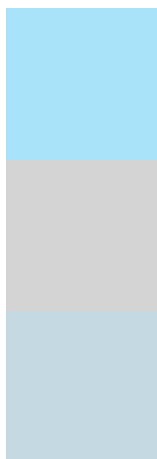
Deuteranomaly

216.8040, 17.3516, -12.1061

Tritanomaly

212.2260, 17.1436, -38.7862

Monochromacy



Original Color

212.2800, 18.5960, -37.9566

Achromatopsia

212.0000, 0.0000, 0.0000

Achromatomaly

211.7470, 7.0267, -13.8101

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.2800, 18.5960, -37.9566 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(169, 227, 250)` looks like.

```
.text, #text, p{  
    color:rgb(169, 227, 250)  
}
```

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(169, 227, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 227, 250) }
```

Border

The CSS property to change the border of an element to YUV 212.2800, 18.5960, -37.9566 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(169, 227, 250) }
```


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

```
.border{ border-color:rgb(169, 227, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 227, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 227, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 227, 250);  
box-shadow:4px 4px 4px 4px rgb(169, 227,  
250) }
```

Background

The CSS property to change the background color of an element to YUV 212.2800, 18.5960, -37.9566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 227, 250) }
```

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

```
.background{ background-color: rgb(169,  
227, 250) }
```

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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