

Converting Colors

YUV(217.8060, 17.3506,
-58.5889)

Have a look what the booklet for
YUV(217.8060, 17.3506, -58.5889)
contains.

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Color

**YUV(217.8060, 17.3506,
-58.5889)**

Conversions

Conversions Part 1

Format	Color
Hex	97F5FD
RGB	151, 245, 253
RGB Percent	59%, 96%, 99%
CMY	0.4078, 0.0392, 0.0078
CMYK	0.40, 0.03, 0.00, 0.01
HSL	185°, 96%, 79%
HSV	185°, 40%, 99%
XYZ	63.1445, 78.9760, 104.8443
YIQ	217.8060, -58.5920, -17.4400

Conversions

Conversions Part 2

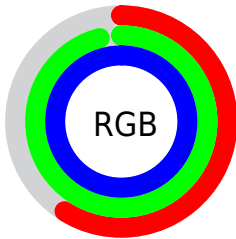
Format	Color
RYB	151, 200, 253
Decimal	9958909
CIELab	91.22, -25.89, -12.63
CIELCh	91, 28.802, 206.005
Yxy	78.9760, 0.2557, 0.3198
Android (android.graphics.Color)	4288148989 (0xFF97F5FD)
YUV	217.8060, 17.3506, -58.5889
Hunter-Lab	88.8684, -28.6884, -7.7407

Details

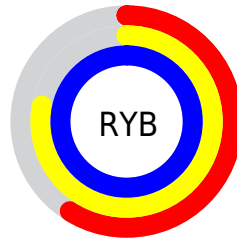
The YUV color **217.8060, 17.3506, -58.5889** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **186.1940, -17.3506, 58.5889**, and the grayscale version is **218.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.2460, 6.7807, -28.2797**, and **160.5070, 17.4980, -59.2036** is the 20% darker color. If you saturate the color by 10%, you get **209.1570, 21.6146, -72.9287**, and if you desaturate by 10%, it is **226.4550, 13.0867, -44.2490**.

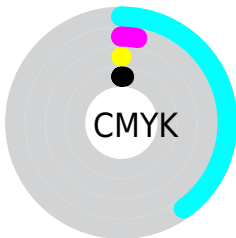
Distribution



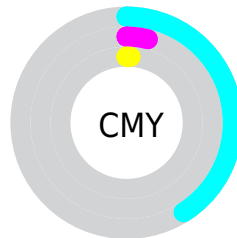
- Red (59%)
- Green (96%)
- Blue (99%)



- Red (59%)
- Yellow (78%)
- Blue (99%)



- Cyan (40%)
- Magenta (3%)
- Yellow (0%)
- Black (1%)



- Cyan (41%)
- Magenta (4%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 217.8060, 17.3506, -58.5889 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 217.8060, 17.3506, -58.5889 by changing the saturation by 10% instead.

217.8060, 17.3506,
-58.5889

217.8060, 17.3506,
-58.5889

255.0000, 0.0000,
0.0000

188.8060, 17.3506,
-58.5889

241.2460, 6.7807,
-28.2797

160.5070, 17.4980,
-59.2036

250.2160, 2.3585,
-9.8364

132.6100, 17.9403,
-61.0480

103.0220, 19.7092,
-68.4253

77.3210, 19.5617,
-67.8105

60.4970, 16.0240,
-53.0559

43.6730, 12.4862,

-38.3012

■ 28.2510, 9.2433,
-24.7761

■ 8.8340, 8.4628,
-7.7474

■ 217.8060, 17.3506,
-58.5889

■ 217.8060, 17.3506,
-58.5889

■ 209.1570, 21.6146,
-72.9287

■ 226.4550, 13.0867,
-44.2490

■ 200.2090, 26.0260,
-87.8833

■ 235.4030, 8.6753,
-29.2944

■ 191.5600, 30.2899,
-102.2231

■ 244.0520, 4.4114,
-14.9546

■ 182.9110, 34.5539,
-116.5629

■ 252.7010, 0.1474,
-0.6148

■ 174.2620, 38.8178, 254.7720, -0.8736,
-130.9028 0.2000

■ 165.6130, 43.0818,
-145.2426

Harmonies

Analogous

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



218.8000, 3.0566, -47.1826



217.8060, 17.3506, -58.5889



218.6760, 17.9077, -50.5819

Triad

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



217.8060, 17.3506, -58.5889



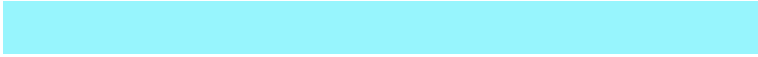
231.5200, 11.5756, 20.5920



229.1450, -26.6935, 21.7978

Complementary

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



217.8060, 17.3506, -58.5889



186.1940, -17.3506, 58.5889

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.



225.3010, -19.8684, 26.0460



217.8060, 17.3506, -58.5889



226.3050, 4.2866, 25.1655

Square

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



217.8060, 17.3506, -58.5889



229.3280, 12.6563, 0.5893



223.7000, -8.2331, 27.4501



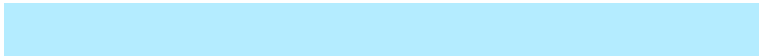
226.3270, -22.8392, -1.1638

Rectangle

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



217.8060, 17.3506, -58.5889



221.4220, 16.5540, -36.3271



223.7000, -8.2331, 27.4501



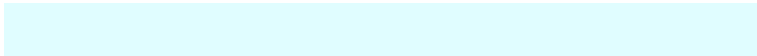
227.9110, -25.0991, 23.7571

Sweetspot

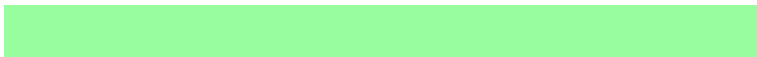
The Sweet Spot groups the original color and five complimentary colors.



217.8060, 17.3506, -58.5889



244.5570, 5.1484, -18.0285



211.6720, -26.4603, -53.2093



121.4440, 3.2321, -10.0364



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.



217.8060, 17.3506, -58.5889



212.6520, 20.8776, -69.8548



188.4560, 31.8202, -32.8489



123.5260, 2.2057, -7.4773



125.0860, 32.4956, -109.7004



41.9290, 10.8810, -36.7717

Inverse Universe

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



192.2140, 26.0235, 53.3093



182.2460, 30.9377, 63.8053



215.5440, -31.8202, 32.8489



120.2550, 3.3253, 6.7924



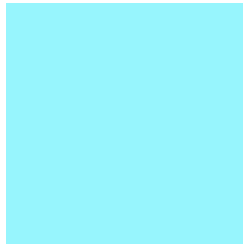
77.1730, 48.7217, 99.8263



25.8620, 16.3370, 33.4470

Previews

White Background



This preview shows how the YUV color 217.8060, 17.3506, -58.5889 looks on a white background.

Color Contrast Check

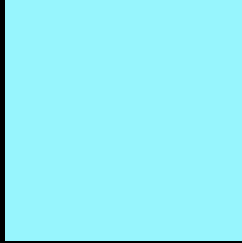
Large Text (above 18pt) WCAG AA × Fail

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 217.8060, 17.3506, -58.5889 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 217.8060, 17.3506, -58.5889

Background



This preview shows how black text looks on a background with the YUV color 217.8060, 17.3506, -58.5889.



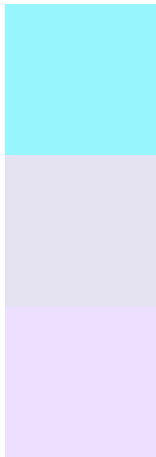
This preview shows how white text looks on a background with the YUV color 217.8060, 17.3506, -58.5889.

-58.5889.

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

217.8060, 17.3506, -58.5889

Protanopia

229.3080, 6.2572, -0.2701

Deuteranopia

230.5350, 12.0612, 4.7928



Tritanopia

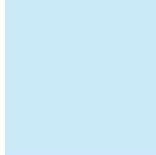
222.5740, 15.9860, -40.8454

Trichromacy



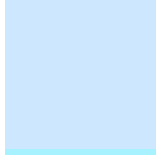
Original Color

217.8060, 17.3506, -58.5889



Protanomaly

225.5010, 10.1060, -21.4874



Deuteranomaly

225.8480, 13.8789, -18.2837



Tritanomaly

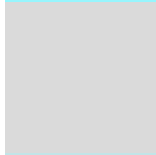
220.9430, 16.2971, -47.3080

Monochromacy



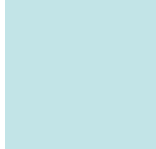
Original Color

217.8060, 17.3506, -58.5889



Achromatopsia

218.0000, 0.0000, 0.0000



Achromatomaly

218.1760, 6.3222, -21.2024

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.8060, 17.3506, -58.5889 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(151, 245, 253)` looks like.

```
.text, #text, p{  
    color:rgb(151, 245, 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(151, 245, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 245, 253) }
```

Border

The CSS property to change the border of an element to YUV 217.8060, 17.3506, -58.5889 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(151, 245, 253) }
```


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

```
.border{ border-color:rgb(151, 245, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 245, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 245, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 245, 253);  
box-shadow:4px 4px 4px 4px rgb(151, 245,  
253) }
```

Background

The CSS property to change the background color of an element to YUV 217.8060, 17.3506, -58.5889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 245, 253) }
```

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

```
.background{ background-color: rgb(151,  
245, 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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