

Converting Colors

YUV(198.1060, 25.5837,
-86.0390)

Have a look what the booklet for
YUV(198.1060, 25.5837, -86.0390)
contains.

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Color

**YUV(198.1060, 25.5837,
-86.0390)**

Conversions

Conversions Part 1

Format	Color
Hex	64EEFA
RGB	100, 238, 250
RGB Percent	39%, 93%, 98%
CMY	0.6078, 0.0667, 0.0196
CMYK	0.60, 0.05, 0.00, 0.02
HSL	185°, 94%, 69%
HSV	185°, 60%, 98%
XYZ	53.0854, 70.7605, 101.3027
YIQ	198.1060, -86.1000, -25.5240

Conversions

Conversions Part 2

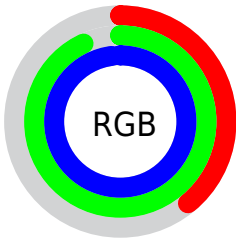
Format	Color
RYB	100, 172, 250
Decimal	6614778
CIELab	87.37, -33.79, -17.03
CIELCh	87, 37.836, 206.742
Yxy	70.7605, 0.2358, 0.3143
Android (android.graphics.Color)	4284804858 (0xFF64EEFA)
YUV	198.1060, 25.5837, -86.0390
Hunter-Lab	84.1193, -34.5622, -12.5180

Details

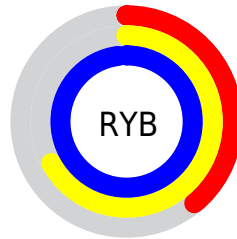
The YUV color **198.1060, 25.5837, -86.0390** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **151.8940, -25.5837, 86.0390**, and the grayscale version is **198.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.7910, 13.4140, -55.9447**, and **128.9500, 32.0697, -113.0891** is the 20% darker color. If you saturate the color by 10%, you get **189.4570, 29.8477, -100.3788**, and if you desaturate by 10%, it is **206.7550, 21.3198, -71.6991**.

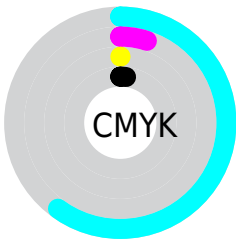
Distribution



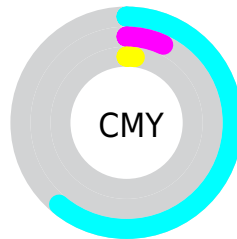
- Red (39%)
- Green (93%)
- Blue (98%)



- Red (39%)
- Yellow (67%)
- Blue (98%)



- Cyan (60%)
- Magenta (5%)
- Yellow (0%)
- Black (2%)



- Cyan (61%)
- Magenta (7%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 198.1060, 25.5837, -86.0390 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 198.1060, 25.5837, -86.0390 by changing the saturation by 10% instead.

198.1060, 25.5837,
-86.0390

198.1060, 25.5837,
-86.0390

255.0000, 0.0000,
0.0000

166.7140, 26.7630,
-90.9572

227.7910, 13.4140,
-55.9447

128.9500, 32.0697,
-113.0891

237.0600, 8.8444,
-36.8866

109.3220, 27.9423,
-95.8754

246.3290, 4.2748,
-17.8285

91.0960, 24.1097,
-79.8912

73.4570, 19.9877,
-64.4218

56.0460, 16.7393,
-49.1523

39.3360, 13.6384,

-34.4977

■ 24.9740, 9.3798,
-21.9022

■ 3.3230, 10.1938,
-2.9143

■ 198.1060, 25.5837,
-86.0390

■ 198.1060, 25.5837,
-86.0390

■ 189.4570, 29.8477,
-100.3788

■ 206.7550, 21.3198,
-71.6991

■ 180.8080, 34.1117,
-114.7186

■ 215.4040, 17.0558,
-57.3593

■ 172.1590, 38.3756,
-129.0584

■ 224.0530, 12.7919,
-43.0195

■ 163.5100, 42.6396,
-143.3983

■ 232.7020, 8.5279,
-28.6797

241.3510, 4.2640,
-14.3398

250.0000, 0.0000,
0.0000

252.6690, -1.3158,
2.0443

253.8430, -1.8946,
1.0147

254.4300, -2.1840,
0.4999

Harmonies

Analogous

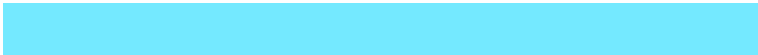
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



202.0750, 5.8790, -65.8408



198.1060, 25.5837, -86.0390



200.5250, 26.8562, -74.1284

Triad

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



198.1060, 25.5837, -86.0390



222.1280, 16.2059, 28.8287



217.1150, -34.5667, 27.0861

Complementary

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



198.1060, 25.5837, -86.0390



151.8940, -25.5837, 86.0390

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.



213.6460, -26.4475, 36.2675



198.1060, 25.5837, -86.0390



214.4850, 4.6909, 35.5317

Square

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



198.1060, 25.5837, -86.0390



218.1090, 18.1873, -0.0956



211.5550, -11.6126, 38.1013



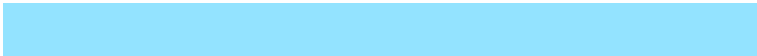
213.5950, -29.3803, -3.1528

Rectangle

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



198.1060, 25.5837, -86.0390



206.2720, 24.0229, -51.9815



211.5550, -11.6126, 38.1013



217.0880, -33.5674, 33.2488

Sweetspot

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



198.1060, 25.5837, -86.0390



238.8980, 7.9383, -26.2205



189.1900, -39.0407, -78.2196



117.5680, 5.1430, -16.2841



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.



198.1060, 25.5837, -86.0390



191.1790, 31.4638, -105.3970



155.2550, 46.7093, -48.4586



120.5260, 2.2057, -7.4773



123.6840, 32.2008, -108.4709



39.8260, 10.4388, -34.9274

Inverse Universe

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



160.5820, 38.1671, 78.4196



145.2820, 46.6960, 96.2227



194.7450, -46.7093, 48.4586



117.2550, 3.3253, 6.7924



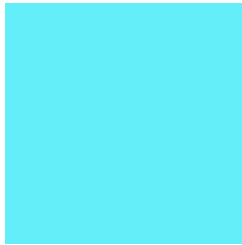
76.3470, 48.1429, 98.7967



24.6230, 15.4689, 31.9026

Previews

White Background



This preview shows how the YUV color 198.1060, 25.5837, -86.0390 looks on a white background.

Color Contrast Check

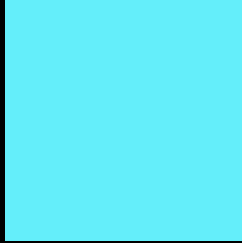
Large Text (above 18pt) WCAG AA × Fail

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 198.1060, 25.5837, -86.0390 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 198.1060, 25.5837, -86.0390 Background



This preview shows how black text looks on a background with the YUV color 198.1060, 25.5837, -86.0390.



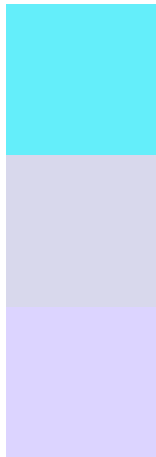
This preview shows how white text looks on a background with the YUV color 198.1060, 25.5837,

-86.0390.

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

198.1060, 25.5837, -86.0390

Protanopia

218.2800, 8.7360, -1.9996

Deuteranopia

219.2940, 17.6031, 0.6192



Tritanopia

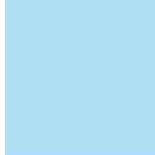
200.1930, 27.0199, -79.9763

Trichromacy



Original Color

198.1060, 25.5837, -86.0390



Protanomaly

210.9880, 14.7959, -32.4385



Deuteranomaly

211.1930, 20.6109, -30.8643



Tritanomaly

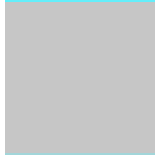
199.6550, 26.2991, -82.1354

Monochromacy



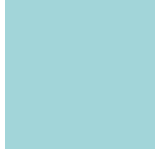
Original Color

198.1060, 25.5837, -86.0390



Achromatopsia

198.0000, 0.0000, 0.0000



Achromatomaly

198.2070, 9.2649, -31.7535

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.1060, 25.5837, -86.0390 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(100, 238, 250)` looks like.

```
.text, #text, p{  
    color:rgb(100, 238, 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(100, 238, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 238, 250) }
```

Border

The CSS property to change the border of an element to YUV 198.1060, 25.5837, -86.0390 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(100, 238, 250) }
```


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

```
.border{ border-color:rgb(100, 238, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 238, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 238, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 238, 250);  
box-shadow:4px 4px 4px 4px rgb(100, 238,  
250) }
```

Background

The CSS property to change the background color of an element to YUV 198.1060, 25.5837, -86.0390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 238, 250) }
```

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

```
.background{ background-color: rgb(100,  
238, 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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