

Converting Colors

YUV(197.4360, 28.3791,
-95.9754)

Have a look what the booklet for
YUV(197.4360, 28.3791, -95.9754)
contains.

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Color

**YUV(197.4360, 28.3791,
-95.9754)**

Conversions

Conversions Part 1

Format	Color
Hex	58F2FF
RGB	88, 242, 255
RGB Percent	35%, 95%, 100%
CMY	0.6549, 0.0510, 0.0000
CMYK	0.65, 0.05, 0.00, 0.00
HSL	185°, 100%, 67%
HSV	185°, 65%, 100%
XYZ	53.8266, 72.7990, 105.8224
YIQ	197.4360, -95.9570, -28.6050

Conversions

Conversions Part 2

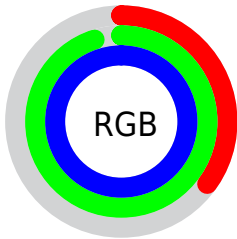
Format	Color
RYB	88, 168, 255
Decimal	5829375
CIELab	88.35, -36.12, -18.19
CIElCh	88, 40.442, 206.732
Yxy	72.7990, 0.2316, 0.3132
Android (android.graphics.Color)	4284019455 (0xFF58F2FF)
YUV	197.4360, 28.3791, -95.9754
Hunter-Lab	85.3223, -36.7051, -13.8098

Details

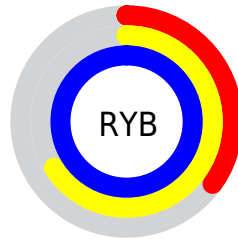
The YUV color **197.4360, 28.3791, -95.9754** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **145.5640, -28.3791, 95.9754**, and the grayscale version is **197.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.3990, 14.5933, -60.8629**, and **131.1670, 32.9487, -115.0335** is the 20% darker color. If you saturate the color by 10%, you get **188.7870, 32.6430, -110.3152**, and if you desaturate by 10%, it is **206.3840, 23.9677, -81.0208**.

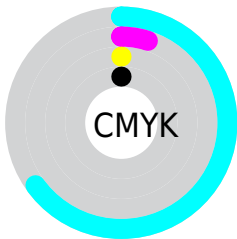
Distribution



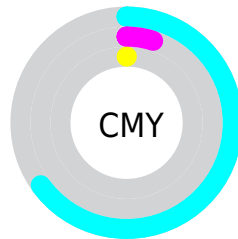
- Red (35%)
- Green (95%)
- Blue (100%)



- Red (35%)
- Yellow (66%)
- Blue (100%)



- Cyan (65%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (65%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 197.4360, 28.3791, -95.9754 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 197.4360, 28.3791, -95.9754 by changing the saturation by 10% instead.

197.4360, 28.3791,
-95.9754

197.4360, 28.3791,
-95.9754

255.0000, 0.0000,
0.0000

163.9510, 30.5902,
-105.1970

225.3990, 14.5933,
-60.8629

131.1670, 32.9487,
-115.0335

234.6680, 10.0237,
-41.8048

112.2400, 28.9687,
-98.4345

244.2360, 5.3067,
-22.1320

93.9000, 24.6993,
-82.3503

253.5050, 0.7370,
-3.0739

75.7880, 21.3035,
-66.4661

58.2630, 17.6183,
-51.0967

41.4390, 14.0806,

-36.3420

■ 27.1910, 10.2588,
-23.8465

■ 3.7790, 11.9410,
-3.3142

■ 197.4360, 28.3791,
-95.9754

■ 197.4360, 28.3791,
-95.9754

■ 188.7870, 32.6430,
-110.3152

■ 206.3840, 23.9677,
-81.0208

■ 179.8390, 37.0544,
-125.2698

■ 215.0330, 19.7037,
-66.6809

■ 171.1900, 41.3183,
-139.6096

■ 223.9810, 15.2924,
-51.7263

■ 167.0150, 43.3766,
-146.4722

■ 232.6300, 11.0284,
-37.3865

■ 241.5780, 6.6170,
-22.4319

■ 250.2270, 2.3531,
-8.0921

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



202.8570, 6.4795, -71.7886



197.4360, 28.3791, -95.9754



199.8830, 27.1727, -82.3354

Triad

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



197.4360, 28.3791, -95.9754



222.7150, 15.9165, 28.3139



219.8440, -36.8981, 28.2008

Complementary

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



197.4360, 28.3791, -95.9754



145.5640, -28.3791, 95.9754

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.



214.7060, -27.4631, 35.3378



197.4360, 28.3791, -95.9754



215.4140, 5.7119, 34.7169

Square

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



197.4360, 28.3791, -95.9754



220.1800, 17.1663, 0.7191



212.2560, -11.4652, 37.4865



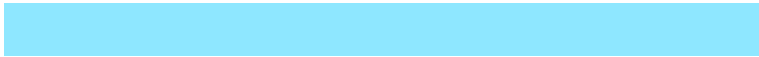
215.7260, -31.4169, -3.2677

Rectangle

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



197.4360, 28.3791, -95.9754



207.1250, 23.6024, -57.1146



212.2560, -11.4652, 37.4865



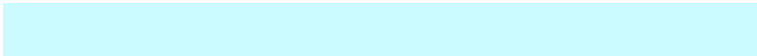
218.0340, -35.0198, 32.4192

Sweetspot

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



197.4360, 28.3791, -95.9754



237.4030, 8.6753, -29.2944



187.2830, -43.5235, -87.0712



116.9700, 5.4378, -17.5137



0.0000, 0.0000, 0.0000



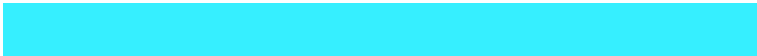
128.0000, 0.0000, 0.0000

Same Dimension

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



197.4360, 28.3791, -95.9754



185.5090, 34.2591, -115.3334



149.3020, 52.1091, -53.7619



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.



155.4890, 42.6499, 87.2711



135.1890, 51.1788, 105.0742



193.6980, -52.1091, 53.7619



120.2550, 3.3253, 6.7924



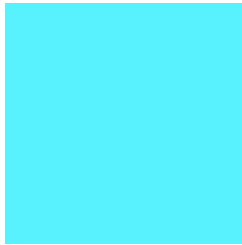
77.1730, 48.7217, 99.8263



25.8620, 16.3370, 33.4470

Previews

White Background



This preview shows how the YUV color 197.4360, 28.3791, -95.9754 looks on a white background.

Color Contrast Check

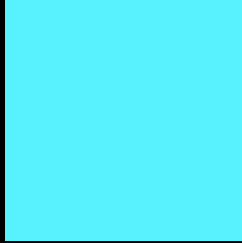
Large Text (above 18pt) WCAG AA × Fail

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 197.4360, 28.3791, -95.9754 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

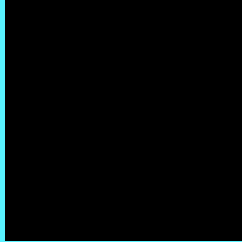
Any Text WCAG AA ✓ Pass

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 197.4360, 28.3791, -95.9754 Background



This preview shows how black text looks on a background with the YUV color 197.4360, 28.3791, -95.9754.



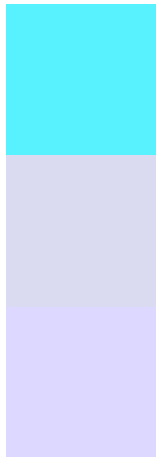
This preview shows how white text looks on a background with the YUV color 197.4360, 28.3791, -95.9754.

-95.9754.

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

197.4360, 28.3791, -95.9754

Protanopia

220.5080, 9.6096, -2.1995

Deuteranopia

221.9410, 16.2981, -0.8253



Tritanopia

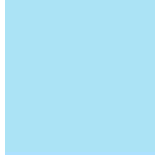
205.2540, 24.5248, -73.0138

Trichromacy



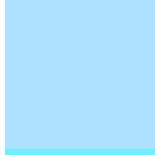
Original Color

197.4360, 28.3791, -95.9754



Protanomaly

212.3080, 16.1172, -36.2271



Deuteranomaly

212.8720, 20.7691, -34.9677



Tritanomaly

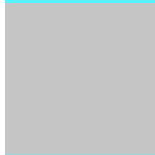
202.2530, 26.0043, -80.9059

Monochromacy



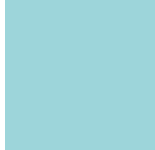
Original Color

197.4360, 28.3791, -95.9754



Achromatopsia

197.0000, 0.0000, 0.0000



Achromatomaly

196.8260, 10.4388, -34.9274

CSS Examples

Text

The CSS property to change the color of the text to YUV 197.4360, 28.3791, -95.9754 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(88, 242, 255)` looks like.

```
.text, #text, p{  
    color:rgb(88, 242, 255)  
}
```

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(88, 242, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 242, 255) }
```

Border

The CSS property to change the border of an element to YUV 197.4360, 28.3791, -95.9754 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(88, 242, 255) }
```


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

```
.border{ border-color:rgb(88, 242, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 242, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 242, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 242, 255);  
box-shadow:4px 4px 4px 4px rgb(88, 242,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 197.4360, 28.3791, -95.9754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 242, 255) }
```

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

```
.background{ background-color: rgb(88, 242,  
255) }
```

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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