

Converting Colors

YUV(197.7350, 28.2316,
-95.3606)

Have a look what the booklet for
YUV(197.7350, 28.2316, -95.3606)
contains.

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Color

**YUV(197.7350, 28.2316,
-95.3606)**

Conversions

Conversions Part 1

Format	Color
Hex	59F2FF
RGB	89, 242, 255
RGB Percent	35%, 95%, 100%
CMY	0.6510, 0.0510, 0.0000
CMYK	0.65, 0.05, 0.00, 0.00
HSL	185°, 100%, 67%
HSV	185°, 65%, 100%
XYZ	53.9220, 72.8481, 105.8268
YIQ	197.7350, -95.3610, -28.3930

Conversions

Conversions Part 2

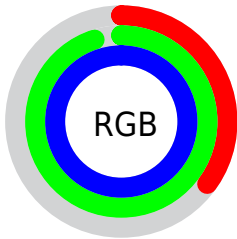
Format	Color
R_{YB}	89, 169, 255
Decimal	5894911
CIE Lab	88.38, -35.98, -18.15
CIE LCh	88, 40.298, 206.775
Yxy	72.8481, 0.2318, 0.3132
Android (android.graphics.Color)	4284084991 (0xFF59F2FF)
YUV	197.7350, 28.2316, -95.3606
Hunter-Lab	85.3511, -36.5941, -13.7679

Details

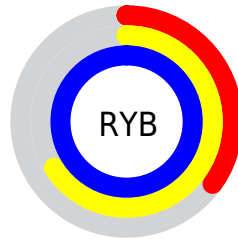
The YUV color **197.7350, 28.2316, -95.3606** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **146.2650, -28.2316, 95.3606**, and the grayscale version is **198.0000, 0.0000, 0.0000**.

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 **189.0860, 32.4956, -109.7004**, and if you desaturate by 10%, it is **206.6830, 23.8203, -80.4060**.

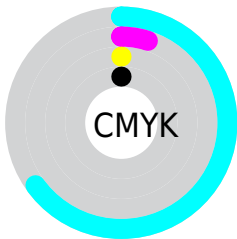
Distribution



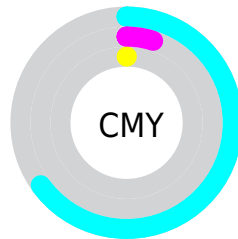
- Red (35%)
- Green (95%)
- Blue (100%)



- 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 197.7350, 28.2316, -95.3606 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 197.7350, 28.2316, -95.3606 by changing the saturation by 10% instead.

197.7350, 28.2316,
-95.3606

197.7350, 28.2316,
-95.3606

255.0000, 0.0000,
0.0000

164.5490, 30.2953,
-103.9675

225.3990, 14.5933,
-60.8629

131.1670, 32.9487,
-115.0335

234.9670, 9.8763,
-41.1901

112.2400, 28.9687,
-98.4345

244.2360, 5.3067,
-22.1320

93.9000, 24.6993,
-82.3503

253.8040, 0.5896,
-2.4591

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

■ 197.7350, 28.2316,
-95.3606

■ 197.7350, 28.2316,
-95.3606

■ 189.0860, 32.4956,
-109.7004

■ 206.6830, 23.8203,
-80.4060

■ 180.1380, 36.9070,
-124.6550

■ 215.3320, 19.5563,
-66.0662

■ 171.4890, 41.1709,
-138.9949

■ 224.2800, 15.1450,
-51.1116

■ 167.0150, 43.3766,
-146.4722

■ 232.9290, 10.8810,
-36.7717

■ 241.8770, 6.4696,
-21.8171

■ 250.5260, 2.2057,
-7.4773

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.



203.1560, 6.3321, -71.1738



197.7350, 28.2316, -95.3606



200.1820, 27.0253, -81.7206

Triad

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



197.7350, 28.2316, -95.3606



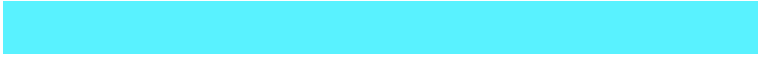
222.7150, 15.9165, 28.3139



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.



197.7350, 28.2316, -95.3606



146.2650, -28.2316, 95.3606

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



197.7350, 28.2316, -95.3606



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.



197.7350, 28.2316, -95.3606



220.1800, 17.1663, 0.7191



212.2560, -11.4652, 37.4865



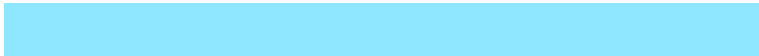
215.7260, -31.4169, -3.2677

Rectangle

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



197.7350, 28.2316, -95.3606



207.4240, 23.4550, -56.4998



212.2560, -11.4652, 37.4865



218.6210, -35.3092, 31.9044

Sweetspot

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



197.7350, 28.2316, -95.3606



237.4030, 8.6753, -29.2944



187.6960, -43.2341, -86.5564



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.



197.7350, 28.2316, -95.3606



186.1070, 33.9642, -114.1038



150.1880, 51.6723, -53.6619



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.



156.0760, 42.3605, 86.7563



136.3630, 50.6000, 104.0446



193.8120, -51.6723, 53.6619



120.2550, 3.3253, 6.7924



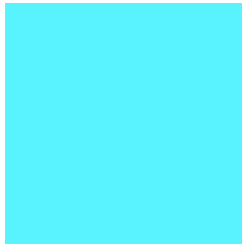
77.1730, 48.7217, 99.8263



25.8620, 16.3370, 33.4470

Previews

White Background



This preview shows how the YUV color 197.7350, 28.2316, -95.3606 looks on a white background.

Color Contrast Check

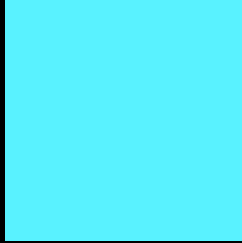
Large Text (above 18pt) WCAG AA × Fail

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 197.7350, 28.2316, -95.3606 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

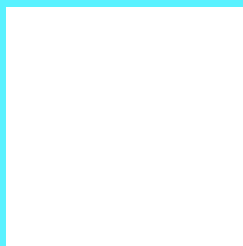
Any Text WCAG AAA ✓ Pass

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

YUV 197.7350, 28.2316, -95.3606 Background



This preview shows how black text looks on a background with the YUV color 197.7350, 28.2316, -95.3606.



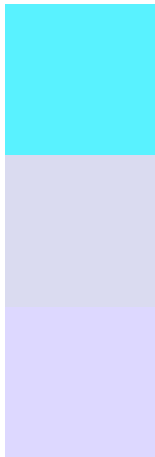
This preview shows how white text looks on a background with the YUV color 197.7350, 28.2316, -95.3606.

-95.3606.

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

197.7350, 28.2316, -95.3606

Protanopia

221.0950, 9.3202, -2.7143

Deuteranopia

221.9410, 16.2981, -0.8253



Tritanopia

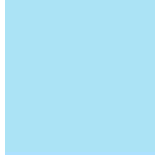
205.5530, 24.3774, -72.3990

Trichromacy



Original Color

197.7350, 28.2316, -95.3606



Protanomaly

212.3080, 16.1172, -36.2271



Deuteranomaly

212.8720, 20.7691, -34.9677



Tritanomaly

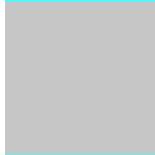
202.5520, 25.8569, -80.2911

Monochromacy



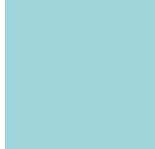
Original Color

197.7350, 28.2316, -95.3606



Achromatopsia

198.0000, 0.0000, 0.0000



Achromatomaly

197.8260, 10.4388, -34.9274

CSS Examples

Text

The CSS property to change the color of the text to YUV 197.7350, 28.2316, -95.3606 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(89, 242, 255)` looks like.

```
.text, #text, p{  
    color:rgb(89, 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(89, 242, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 242, 255) }
```

Border

The CSS property to change the border of an element to YUV 197.7350, 28.2316, -95.3606 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(89, 242, 255) }
```


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

```
.border{ border-color:rgb(89, 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(89, 242, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 242, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 242, 255);  
box-shadow:4px 4px 4px 4px rgb(89, 242,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 197.7350, 28.2316, -95.3606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 242, 255) }
```

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

```
.background{ background-color: rgb(89, 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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