

Converting Colors

YUV(197.7950, 27.2161,
-96.2902)

Have a look what the booklet for
YUV(197.7950, 27.2161, -96.2902)
contains.

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Color

**YUV(197.7950, 27.2161,
-96.2902)**

Conversions

Conversions Part 1

Format	Color
Hex	58F3FD
RGB	88, 243, 253
RGB Percent	35%, 95%, 99%
CMY	0.6549, 0.0471, 0.0078
CMYK	0.65, 0.04, 0.00, 0.01
HSL	184°, 98%, 67%
HSV	184°, 65%, 99%
XYZ	53.8047, 73.2677, 104.2348
YIQ	197.7950, -95.5900, -29.7500

Conversions

Conversions Part 2

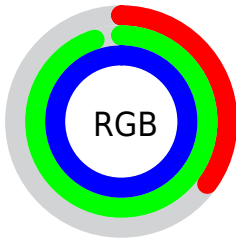
Format	Color
R_{YB}	88, 168, 253
Decimal	5829629
CIE _{Lab}	88.58, -37.14, -16.81
CIE _{LCh}	89, 40.767, 204.353
Yxy	73.2677, 0.2326, 0.3168
Android (android.graphics.Color)	4284019709 (0xFF58F3FD)
YUV	197.7950, 27.2161, -96.2902
Hunter-Lab	85.5966, -37.5916, -12.2825

Details

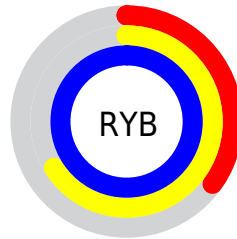
The YUV color **197.7950, 27.2161, -96.2902** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **143.2050, -27.2161, 96.2902**, and the grayscale version is **198.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.1000, 14.7407, -61.4777**, and **131.5260, 31.7857, -115.3483** is the 20% darker color. If you saturate the color by 10%, you get **189.1460, 31.4800, -110.6300**, and if you desaturate by 10%, it is **206.4440, 22.9521, -81.9504**.

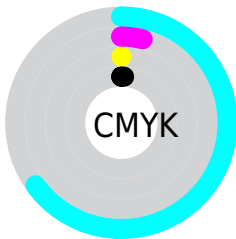
Distribution



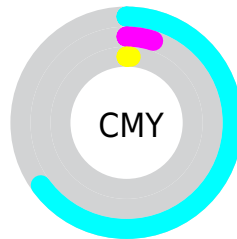
- Red (35%)
- Green (95%)
- Blue (99%)



- Red (35%)
- Yellow (66%)
- Blue (99%)



- Cyan (65%)
- Magenta (4%)
- Yellow (0%)
- Black (1%)



- Cyan (65%)
- Magenta (5%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 197.7950, 27.2161, -96.2902 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 197.7950, 27.2161, -96.2902 by changing the saturation by 10% instead.

197.7950, 27.2161,
-96.2902

197.7950, 27.2161,
-96.2902

255.0000, 0.0000,
0.0000

164.3100, 29.4272,
-105.5119

225.1000, 14.7407,
-61.4777

131.5260, 31.7857,
-115.3483

234.6680, 10.0237,
-41.8048

112.5990, 27.8057,
-98.7493

244.2360, 5.3067,
-22.1320

93.7860, 24.2625,
-82.2503

253.5050, 0.7370,
-3.0739

76.1470, 20.1405,
-66.7809

58.6220, 16.4554,
-51.4115

41.9120, 13.3544,

-36.7568

■ 27.6640, 9.5326,
-24.2613

■ 3.5510, 11.0674,
-3.1142

■ 197.7950, 27.2161,
-96.2902

■ 197.7950, 27.2161,
-96.2902

■ 189.1460, 31.4800,
-110.6300

■ 206.4440, 22.9521,
-81.9504

■ 180.7850, 35.6020,
-126.0994

■ 214.8050, 18.8301,
-66.4810

■ 172.1360, 39.8660,
-140.4393

■ 223.4540, 14.5662,
-52.1412

■ 168.5480, 41.6348,
-147.8166

■ 231.5160, 10.5916,
-37.2865

■ 240.4640, 6.1802,
-22.3319

■ 248.5260, 2.2057,
-7.4773

■ 254.1850, -0.5842,
0.7148

■ 254.7720, -0.8736,
0.2000

Harmonies

Analogous

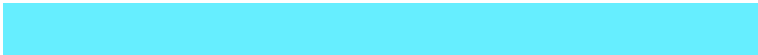
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



203.9990, 4.4375, -70.1591



197.7950, 27.2161, -96.2902



199.2740, 27.4729, -85.3093

Triad

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



197.7950, 27.2161, -96.2902



223.8890, 15.3377, 27.2843



220.1540, -37.0509, 30.5599

Complementary

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



197.7950, 27.2161, -96.2902



143.2050, -27.2161, 96.2902

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.



214.3470, -26.3001, 35.6527



197.7950, 27.2161, -96.2902



215.8700, 7.4591, 34.3170

Square

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



197.7950, 27.2161, -96.2902



220.1580, 17.1771, -2.7696



212.5980, -10.1548, 37.1866



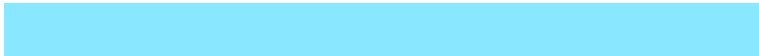
216.8080, -32.4433, -0.7086

Rectangle

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



197.7950, 27.2161, -96.2902



206.2170, 24.0500, -60.7033



212.5980, -10.1548, 37.1866



218.1480, -34.5830, 32.3192

Sweetspot

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



197.7950, 27.2161, -96.2902



237.9900, 8.3859, -29.8092



185.7670, -44.2551, -85.7417



117.5570, 5.1484, -18.0285



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.



197.7950, 27.2161, -96.2902



188.4550, 32.8067, -116.1630



150.2480, 50.6567, -54.5915



123.5260, 2.2057, -7.4773



127.4340, 31.3380, -111.7596



42.5160, 10.5916, -37.2865

Inverse Universe

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



155.0050, 43.3815, 85.9416



136.8190, 52.3472, 103.6447



190.7520, -50.6567, 54.5915



120.2550, 3.3253, 6.7924



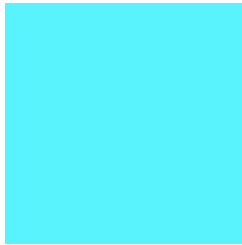
77.6290, 50.4689, 99.4264



25.9760, 16.7738, 33.3470

Previews

White Background



This preview shows how the YUV color 197.7950, 27.2161, -96.2902 looks on a white background.

Color Contrast Check

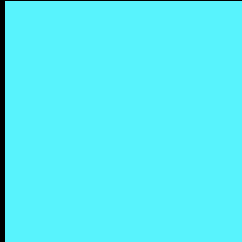
Large Text (above 18pt) WCAG AA × Fail

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 197.7950, 27.2161, -96.2902 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 197.7950, 27.2161, -96.2902

Background



This preview shows how black text looks on a background with the YUV color 197.7950, 27.2161, -96.2902.



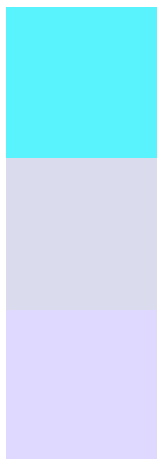
This preview shows how white text looks on a background with the YUV color 197.7950, 27.2161, -96.2902.

-96.2902.

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

197.7950, 27.2161, -96.2902

Protanopia

221.1660, 8.2992, -1.8996

Deuteranopia

222.5390, 16.0033, 0.4043



Tritanopia

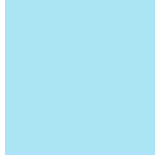
206.4500, 23.9352, -70.5546

Trichromacy



Original Color

197.7950, 27.2161, -96.2902



Protanomaly

212.6670, 14.9542, -36.5420



Deuteranomaly

213.6440, 19.8955, -34.7678



Tritanomaly

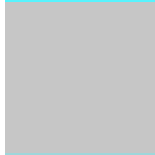
203.3240, 24.9833, -80.0911

Monochromacy



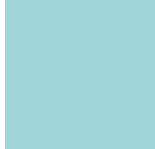
Original Color

197.7950, 27.2161, -96.2902



Achromatopsia

198.0000, 0.0000, 0.0000



Achromatomaly

197.7120, 10.0020, -34.8274

CSS Examples

Text

The CSS property to change the color of the text to YUV 197.7950, 27.2161, -96.2902 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, 243, 253)` looks like.

```
.text, #text, p{  
    color:rgb(88, 243, 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(88, 243, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 243, 253) }
```

Border

The CSS property to change the border of an element to YUV 197.7950, 27.2161, -96.2902 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, 243, 253) }
```


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

```
.border{ border-color:rgb(88, 243, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 243, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 243, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 243, 253);  
box-shadow:4px 4px 4px 4px rgb(88, 243,  
253) }
```

Background

The CSS property to change the background color of an element to YUV 197.7950, 27.2161, -96.2902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 243, 253) }
```

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

```
.background{ background-color: rgb(88, 243,  
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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