

Converting Colors

YUV(193.5930, 30.2737,
-96.9901)

Have a look what the booklet for
YUV(193.5930, 30.2737, -96.9901)
contains.

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Color

**YUV(193.5930, 30.2737,
-96.9901)**

Conversions

Conversions Part 1

Format	Color
Hex	53EEFF
RGB	83, 238, 255
RGB Percent	33%, 93%, 100%
CMY	0.6745, 0.0667, 0.0000
CMYK	0.67, 0.07, 0.00, 0.00
HSL	186°, 100%, 66%
HSV	186°, 67%, 100%
XYZ	52.1918, 70.2081, 105.4085
YIQ	193.5930, -97.8370, -27.5730

Conversions

Conversions Part 2

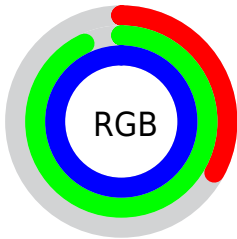
Format	Color
R _Y B	83, 165, 255
Decimal	5500671
CIE Lab	87.10, -34.95, -20.09
CIE LCh	87, 40.315, 209.895
Yxy	70.2081, 0.2291, 0.3082
Android (android.graphics.Color)	4283690751 (0xFF53EEFF)
YUV	193.5930, 30.2737, -96.9901
Hunter-Lab	83.7903, -35.4477, -15.9339

Details

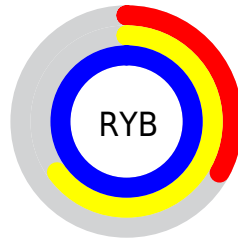
The YUV color **193.5930, 30.2737, -96.9901** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **144.4070, -30.2737, 96.9901**, and the grayscale version is **193.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.2030, 15.1829, -63.3220**, and **129.4060, 33.8168, -113.4891** is the 20% darker color. If you saturate the color by 10%, you get **184.0580, 34.9744, -111.4299**, and if you desaturate by 10%, it is **202.8290, 25.7203, -83.1650**.

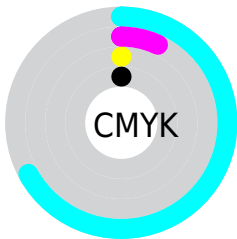
Distribution



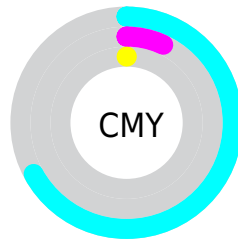
- Red (33%)
- Green (93%)
- Blue (100%)



- Red (33%)
- Yellow (65%)
- Blue (100%)



- Cyan (67%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (67%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.5930, 30.2737, -96.9901 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 193.5930, 30.2737, -96.9901 by changing the saturation by 10% instead.

193.5930, 30.2737,
-96.9901

193.5930, 30.2737,
-96.9901

255.0000, 0.0000,
0.0000

158.9120, 33.0744,
-108.6708

224.2030, 15.1829,
-63.3220

129.4060, 33.8168,
-113.4891

233.4720, 10.6133,
-44.2639

109.8920, 30.1262,
-96.3753

243.0400, 5.8963,
-24.5911

91.5520, 25.8569,
-80.2911

252.3090, 1.3267,
-5.5330

73.4400, 22.4611,
-64.4069

56.5020, 18.4865,
-49.5523

39.6780, 14.9487,

-34.7976

■ 25.4300, 11.1270,
-22.3021

■ 3.6650, 11.5042,
-3.2142

■ 193.5930, 30.2737,
-96.9901

■ 193.5930, 30.2737,
-96.9901

■ 184.0580, 34.9744,
-111.4299

■ 202.8290, 25.7203,
-83.1650

■ 175.4090, 39.2384,
-125.7697

■ 211.7770, 21.3089,
-68.2104

■ 166.1730, 43.7917,
-139.5947

■ 221.3120, 16.6082,
-53.7706

■ 164.0800, 44.8236,
-143.8982

■ 229.9610, 12.3442,
-39.4308

■ 239.4960, 7.6435,
-24.9910

■ 248.1450, 3.3795,
-10.6512

255.0000, 0.0000,
0.0000

Harmonies

Analogous

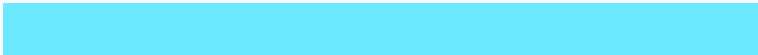
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



198.8180, 8.9637, -75.2624



193.5930, 30.2737, -96.9901



197.5460, 28.3248, -78.5318

Triad

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



193.5930, 30.2737, -96.9901



220.3670, 17.0741, 30.3731



215.8220, -36.8872, 24.7121

Complementary

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



193.5930, 30.2737, -96.9901



144.4070, -30.2737, 96.9901

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.



212.8480, -29.5051, 36.9673



193.5930, 30.2737, -96.9901



212.2680, 3.8119, 37.4760

Square

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



193.5930, 30.2737, -96.9901



217.8430, 18.3184, 4.5227



209.6970, -13.6546, 39.7307



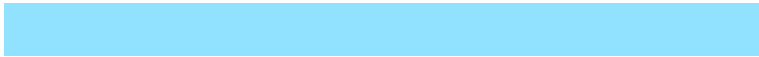
211.4590, -29.8063, -6.5415

Rectangle

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



193.5930, 30.2737, -96.9901



205.0870, 24.6071, -52.6963



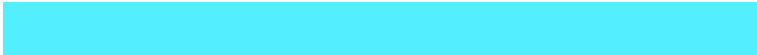
209.6970, -13.6546, 39.7307



216.4040, -36.1882, 33.8487

Sweetspot

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



193.5930, 30.2737, -96.9901



236.8160, 8.9647, -28.7796



185.5600, -43.6601, -89.9451



116.3830, 5.7272, -16.9989



0.0000, 0.0000, 0.0000



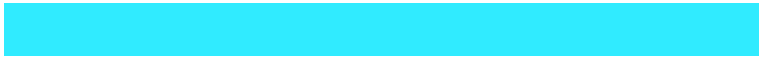
128.0000, 0.0000, 0.0000

Same Dimension

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



193.5930, 30.2737, -96.9901



181.3670, 36.3011, -116.9629



144.8720, 54.2931, -54.2617



122.9390, 2.4951, -6.9625



122.7380, 33.6532, -107.6412



40.7550, 11.4598, -35.7421

Inverse Universe

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



152.0980, 42.3497, 90.2451



131.2110, 51.1680, 108.5630



193.1280, -54.2931, 54.2617



120.1410, 2.8885, 6.8923



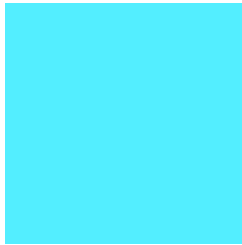
76.7170, 46.9745, 100.2262



25.6340, 15.4634, 33.6470

Previews

White Background



This preview shows how the YUV color 193.5930, 30.2737, -96.9901 looks on a white background.

Color Contrast Check

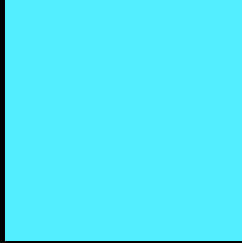
Large Text (above 18pt) WCAG AA × Fail

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 193.5930, 30.2737, -96.9901 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 193.5930, 30.2737, -96.9901 Background



This preview shows how black text looks on a background with the YUV color 193.5930, 30.2737, -96.9901.



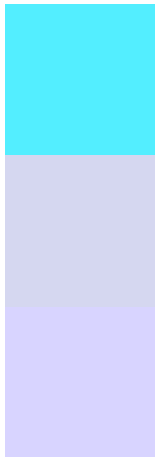
This preview shows how white text looks on a background with the YUV color 193.5930, 30.2737, -96.9901.

-96.9901.

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

193.5930, 30.2737, -96.9901

Protanopia

217.2520, 11.2148, -3.7290

Deuteranopia

218.0980, 18.1927, -1.8399



Tritanopia

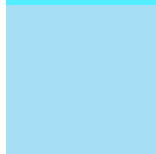
197.1920, 28.4993, -87.8684

Trichromacy



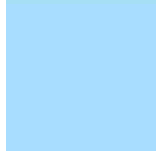
Original Color

193.5930, 30.2737, -96.9901



Protanomaly

208.4650, 18.0118, -37.2418



Deuteranomaly

209.0290, 22.6637, -35.9824



Tritanomaly

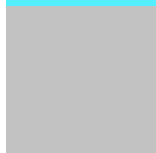
195.6970, 29.2364, -90.9423

Monochromacy



Original Color

193.5930, 30.2737, -96.9901



Achromatopsia

194.0000, 0.0000, 0.0000



Achromatomaly

193.9400, 10.8756, -35.0274

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.5930, 30.2737, -96.9901 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(83, 238, 255)` looks like.

```
.text, #text, p{  
    color:rgb(83, 238, 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(83, 238, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 238, 255) }
```

Border

The CSS property to change the border of an element to YUV 193.5930, 30.2737, -96.9901 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(83, 238, 255) }
```


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

```
.border{ border-color:rgb(83, 238, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 238, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 238, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 238, 255);  
box-shadow:4px 4px 4px 4px rgb(83, 238,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 193.5930, 30.2737, -96.9901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 238, 255) }
```

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

```
.background{ background-color: rgb(83, 238,  
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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