

# Converting Colors

YUV(196.2530, 22.5533,  
-94.0609)

Have a look what the booklet for  
YUV(196.2530, 22.5533, -94.0609)  
contains.

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# Color

**YUV(196.2530, 22.5533,  
-94.0609)**

# Conversions

## Conversions Part 1

Format	Color
Hex	59F2F2
RGB	89, 242, 242
RGB Percent	35%, 95%, 95%
CMY	0.6510, 0.0510, 0.0510
CMYK	0.63, 0.00, 0.00, 0.05
HSL	180°, 85%, 65%
HSV	180°, 63%, 95%
XYZ	51.8990, 72.0389, 95.1739
YIQ	196.2530, -91.1880, -32.4360

# Conversions

## Conversions Part 2

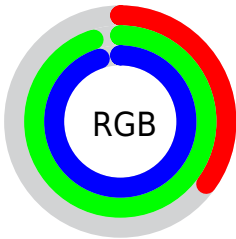
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	89, 166, 242
Decimal	5894898
CIE Lab	87.99, -39.55, -11.94
CIE LCh	88, 41.310, 196.798
Yxy	72.0389, 0.2369, 0.3288
Android (android.graphics.Color)	4284084978 (0xFF59F2F2)
YUV	196.2530, 22.5533, -94.0609
Hunter-Lab	84.8757, -39.3852, -7.0708

# Details

The YUV color **196.2530, 22.5533, -94.0609** 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 **134.7470, -22.5533, 94.0609**, and the grayscale version is **196.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.1000, 14.7407, -61.4777**, and **129.7990, 27.7071, -113.8337** is the 20% darker color. If you saturate the color by 10%, you get **189.0770, 26.0910, -108.8155**, and if you desaturate by 10%, it is **203.4290, 19.0155, -79.3062**.

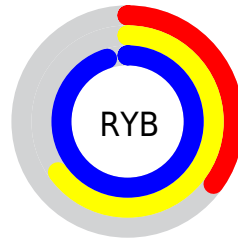
# Distribution



Red (35%)

Green (95%)

Blue (95%)



Red (35%)

Yellow (65%)

Blue (95%)

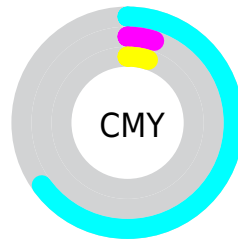


Cyan (63%)

Magenta (0%)

Yellow (0%)

Black (5%)



Cyan (65%)

Magenta (5%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 196.2530, 22.5533, -94.0609 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 196.2530, 22.5533, -94.0609 by changing the saturation by 10% instead.



196.2530, 22.5533,  
-94.0609

196.2530, 22.5533,  
-94.0609

255.0000, 0.0000,  
0.0000

163.4800, 24.9064,  
-102.1530

225.1000, 14.7407,  
-61.4777

129.7990, 27.7071,  
-113.8337

234.6680, 10.0237,  
-41.8048

110.8720, 23.7271,  
-97.2347

243.9370, 5.4541,  
-22.7467

92.0590, 20.1839,  
-80.7357

253.2060, 0.8844,  
-3.6887

73.9470, 16.7881,  
-64.8515

56.5360, 13.5398,  
-49.5821

39.7120, 10.0020,

-34.8274

■ 25.5780, 6.6170,  
-22.4319

■ 2.6390, 7.5730,  
-2.3144

■ 196.2530, 22.5533,  
-94.0609

■ 196.2530, 22.5533,  
-94.0609

■ 189.0770, 26.0910,  
-108.8155

■ 203.4290, 19.0155,  
-79.3062

■ 181.9010, 29.6288,  
-123.5702

■ 210.6050, 15.4777,  
-64.5516

■ 174.4260, 33.3140,  
-138.9396

■ 218.0800, 11.7926,  
-49.1822

■ 169.6420, 35.6725,  
-148.7760

■ 225.2560, 8.2548,  
-34.4275

■ 232.4320, 4.7170,  
-19.6729

■ 239.6080, 1.1793,  
-4.9182

■ 245.8870, -1.9163,  
7.9921

# Harmonies

## Analogous

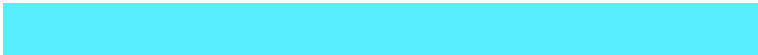
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



204.1480, -1.5520, -62.3968



196.2530, 22.5533, -94.0609



194.7890, 29.6840, -94.5310

# Triad

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



196.2530, 22.5533, -94.0609



223.8780, 15.3431, 25.5400



217.1050, -36.0408, 33.2339

# Complementary

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



196.2530, 22.5533, -94.0609



134.7470, -22.5533, 94.0609

# 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.



211.8680, -23.1059, 37.8268



196.2530, 22.5533, -94.0609



216.8960, 11.3903, 33.4172

# Square

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



196.2530, 22.5533, -94.0609



216.5480, 18.9568, -13.6356



211.1620, -5.5029, 38.4459



215.7660, -35.3806, 8.0982

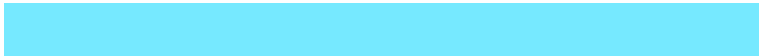


# Rectangle

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



196.2530, 22.5533, -94.0609



201.1230, 26.5614, -72.8989



211.1620, -5.5029, 38.4459



215.3270, -32.6992, 34.7932

# Sweetspot

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



196.2530, 22.5533, -94.0609



240.6480, 7.0755, -29.5093



178.8110, -44.2768, -78.7642



119.0300, 4.4222, -18.4433



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.



196.2530, 22.5533, -94.0609



196.9940, 28.5970, -119.2667



151.0540, 44.8364, -54.4214



116.4120, 1.7689, -7.3773



128.9840, 27.1229, -113.1190



39.2560, 8.2548, -34.4275



# Inverse Universe

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



152.1890, 44.2768, 78.7642



141.1220, 56.1419, 99.8710



179.3590, -44.5470, 54.9362



112.9560, 3.4727, 6.1776



75.9920, 53.2479, 94.7230

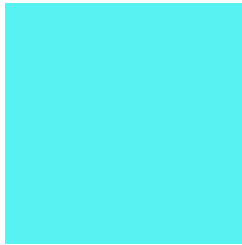


23.1280, 16.2059, 28.8287



# Previews

## White Background



This preview shows how the YUV color 196.2530, 22.5533, -94.0609 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

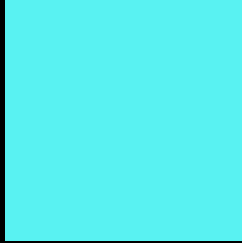
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 196.2530, 22.5533, -94.0609 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

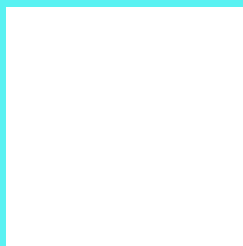
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 196.2530, 22.5533, -94.0609

## Background



This preview shows how black text looks on a background with the YUV color 196.2530, 22.5533, -94.0609.



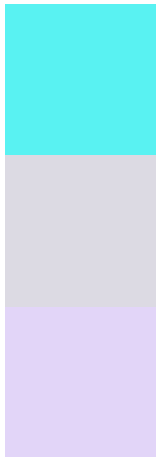
This preview shows how white text looks on a background with the YUV color 196.2530, 22.5533,

-94.0609.

# 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

196.2530, 22.5533, -94.0609

### Protanopia

219.6240, 3.6364, 0.3298

### Deuteranopia

220.8770, 13.3716, 4.4929



## Tritanopia

203.1720, 25.5512, -75.5728

# Trichromacy



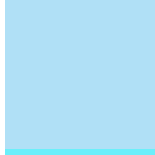
## Original Color

196.2530, 22.5533, -94.0609



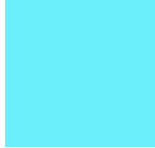
## Protanomaly

211.1250, 10.2914, -34.3126



## Deuteranomaly

212.1560, 16.6851, -31.7088



## Tritanomaly

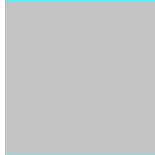
200.7860, 24.2625, -82.2503

# Monochromacy



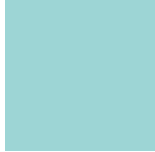
## Original Color

196.2530, 22.5533, -94.0609



## Achromatopsia

196.0000, 0.0000, 0.0000



## Achromatomaly

196.2560, 8.2548, -34.4275

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 196.2530, 22.5533, -94.0609 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, 242)` looks like.

```
.text, #text, p{  
    color:rgb(89, 242, 242)  
}
```

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, 242) colored shadow looks like.

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

## Border

The CSS property to change the border of an element to YUV 196.2530, 22.5533, -94.0609 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, 242) }
```



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

```
.border{ border-color:rgb(89, 242, 242) }
```

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, 242)` colored shadow looks like.

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

# Background

The CSS property to change the background color of an element to YUV 196.2530, 22.5533, -94.0609 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, 242) }
```

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

```
.background{ background-color: rgb(89, 242,  
242) }
```

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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