

# Converting Colors

YUV(189.4970, 25.8840,  
-89.0129)

Have a look what the booklet for  
YUV(189.4970, 25.8840, -89.0129)  
contains.

<b>YUV(189.4970, 25.8840, -89.0129)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(189.4970, 25.8840,  
-89.0129)**

# Conversions

## Conversions Part 1

Format	Color
Hex	58E7F2
RGB	88, 231, 242
RGB Percent	35%, 91%, 95%
CMY	0.6549, 0.0941, 0.0510
CMYK	0.64, 0.05, 0.00, 0.05
HSL	184°, 86%, 65%
HSV	184°, 64%, 95%
XYZ	48.6274, 65.6373, 94.1107
YIQ	189.4970, -88.7590, -26.8950

# Conversions

## Conversions Part 2

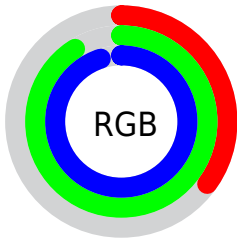
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	88, 162, 242
Decimal	5826546
CIE Lab	84.81, -34.63, -16.70
CIE LCh	85, 38.447, 205.745
Yxy	65.6373, 0.2334, 0.3150
Android (android.graphics.Color)	4284016626 (0xFF58E7F2)
YUV	189.4970, 25.8840, -89.0129
Hunter-Lab	81.0169, -34.6414, -12.1606

# Details

The YUV color **189.4970, 25.8840, -89.0129** 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 **140.5030, -25.8840, 89.0129**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.8010, 14.8881, -62.0925**, and **123.9290, 30.6010, -108.6857** is the 20% darker color. If you saturate the color by 10%, you get **181.1470, 30.0005, -102.7379**, and if you desaturate by 10%, it is **197.8470, 21.7674, -75.2878**.

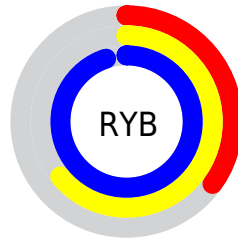
# Distribution



Red (35%)

Green (91%)

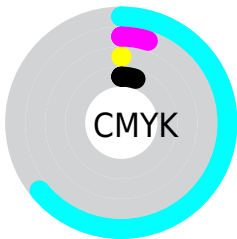
Blue (95%)



Red (35%)

Yellow (64%)

Blue (95%)

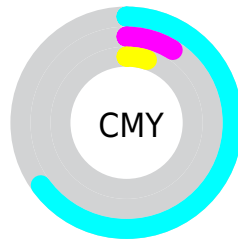


Cyan (64%)

Magenta (5%)

Yellow (0%)

Black (5%)



Cyan (65%)

Magenta (9%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 189.4970, 25.8840, -89.0129 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 189.4970, 25.8840, -89.0129 by changing the saturation by 10% instead.



189.4970, 25.8840,  
-89.0129

189.4970, 25.8840,  
-89.0129

255.0000, 0.0000,  
0.0000

157.6100, 27.8003,  
-97.0050

224.8010, 14.8881,  
-62.0925

123.9290, 30.6010,  
-108.6857

234.0700, 10.3185,  
-43.0344

105.0020, 26.6210,  
-92.0868

243.3390, 5.7489,  
-23.9763

86.7760, 22.7884,  
-76.1026

252.6080, 1.1793,  
-4.9182

68.6640, 19.3926,  
-60.2183

51.7260, 15.4181,  
-45.3637

35.6030, 12.0277,

-31.2238

■ 20.1810, 8.7848,  
-17.6987

■ 2.5250, 7.1362,  
-2.2144

■ 189.4970, 25.8840,  
-89.0129

■ 189.4970, 25.8840,  
-89.0129

■ 181.1470, 30.0005,  
-102.7379

■ 197.8470, 21.7674,  
-75.2878

■ 173.3840, 33.8277,  
-116.9778

■ 205.6100, 17.9403,  
-61.0480

■ 164.7350, 38.0916,  
-131.3176

■ 214.2590, 13.6763,  
-46.7081

■ 159.6630, 40.5921,  
-140.0245

■ 222.6090, 9.5598,  
-32.9831

■ 230.9590, 5.4432,  
-19.2580

■ 238.7220, 1.6161,  
-5.0182

■ 246.4740, -2.2057,  
7.4773

■ 247.6480, -2.7845,  
6.4477

■ 248.8220, -3.3632,  
5.4181

# Harmonies

## Analogous

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



194.5480, 5.1528, -66.2556



189.4970, 25.8840, -89.0129



192.5290, 30.7982, -78.5169

# Triad

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



189.4970, 25.8840, -89.0129



217.1930, 17.6529, 31.4027



210.3000, -35.1509, 27.8009

# Complementary

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



189.4970, 25.8840, -89.0129



140.5030, -25.8840, 89.0129

# 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.



208.1520, -27.1899, 41.0857



189.4970, 25.8840, -89.0129



209.6920, 4.0958, 39.7351

# Square

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



189.4970, 25.8840, -89.0129



211.3090, 21.5397, -2.0250



206.1750, -11.9183, 42.8195



206.0790, -30.1119, -1.8233

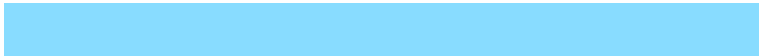


# Rectangle

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



189.4970, 25.8840, -89.0129



198.8740, 27.6701, -55.1405



206.1750, -11.9183, 42.8195



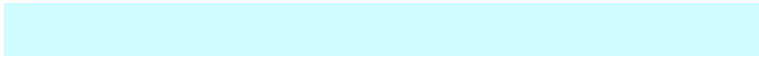
211.2840, -34.1570, 35.7079

# Sweetspot

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



189.4970, 25.8840, -89.0129



238.8870, 7.9437, -27.9649



179.5380, -40.1982, -80.2788



117.2690, 5.2904, -16.8989



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.



189.4970, 25.8840, -89.0129



188.7760, 32.6484, -112.0596



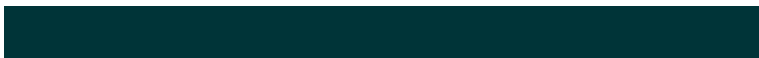
144.8850, 47.8777, -49.8881



115.8250, 2.0583, -6.8625



120.7660, 31.1744, -105.9118



36.9080, 9.4124, -32.3683



# Inverse Universe

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



150.3480, 39.7614, 80.3788



139.5260, 50.0267, 101.2707



185.1150, -47.8777, 49.8881



112.8420, 3.0359, 6.2776



74.3960, 47.1328, 96.1227

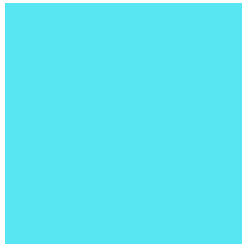


22.6720, 14.4587, 29.2287



# Previews

## White Background



This preview shows how the YUV color 189.4970, 25.8840, -89.0129 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

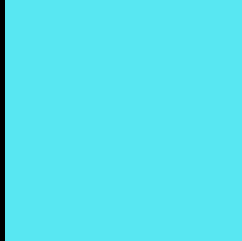
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 189.4970, 25.8840, -89.0129 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 189.4970, 25.8840, -89.0129 Background



This preview shows how black text looks on a background with the YUV color 189.4970, 25.8840, -89.0129.



This preview shows how white text looks on a background with the YUV color 189.4970, 25.8840, -89.0129.

-89.0129.

# 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

189.4970, 25.8840, -89.0129

### Protanopia

211.1660, 8.2992, -1.8996

### Deuteranopia

211.9950, 17.7505, 0.0044



## Tritanopia

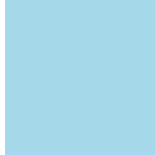
190.6050, 28.7887, -87.3536

# Trichromacy



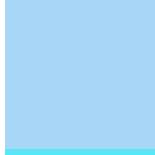
## Original Color

189.4970, 25.8840, -89.0129



## Protanomaly

203.2760, 14.6539, -33.5681



## Deuteranomaly

203.5950, 20.9057, -32.0938



## Tritanomaly

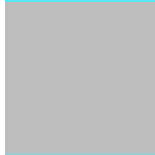
189.9640, 27.6257, -87.6684

# Monochromacy



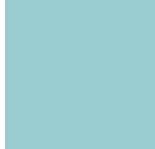
## Original Color

189.4970, 25.8840, -89.0129



## Achromatopsia

189.0000, 0.0000, 0.0000



## Achromatomaly

188.9080, 9.4124, -32.3683

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 189.4970, 25.8840, -89.0129 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, 231, 242)` looks like.

```
.text, #text, p{  
    color:rgb(88, 231, 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(88, 231, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 231, 242) }
```

## Border

The CSS property to change the border of an element to YUV 189.4970, 25.8840, -89.0129 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, 231, 242) }
```



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

```
.border{ border-color:rgb(88, 231, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 231, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 231, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 231, 242);  
box-shadow:4px 4px 4px 4px rgb(88, 231,  
242) }
```

# Background

The CSS property to change the background color of an element to YUV 189.4970, 25.8840, -89.0129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 231, 242) }
```

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

```
.background{ background-color: rgb(88, 231,  
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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