

# Converting Colors

YUV(200.9690, 26.6373,  
-97.3198)

Have a look what the booklet for  
YUV(200.9690, 26.6373, -97.3198)  
contains.

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# Color

**YUV(200.9690, 26.6373,  
-97.3198)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5AF7FF
RGB	90, 247, 255
RGB Percent	35%, 97%, 100%
CMY	0.6471, 0.0314, 0.0000
CMYK	0.65, 0.03, 0.00, 0.00
HSL	183°, 100%, 68%
HSV	183°, 65%, 100%
XYZ	55.5272, 75.9152, 106.3342
YIQ	200.9690, -96.1400, -30.7960

# Conversions

## Conversions Part 2

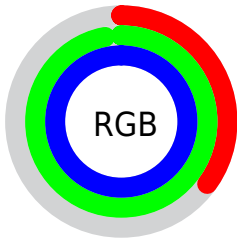
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	90, 170, 255
Decimal	5961727
CIE <sub>Lab</sub>	89.82, -38.14, -15.98
CIE <sub>LCh</sub>	90, 41.349, 202.733
Yxy	75.9152, 0.2335, 0.3193
Android (android.graphics.Color)	4284151807 (0xFF5AF7FF)
YUV	200.9690, 26.6373, -97.3198
Hunter-Lab	87.1293, -38.7189, -11.3681

# Details

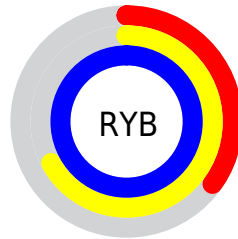
The YUV color **200.9690, 26.6373, -97.3198** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **144.0310, -26.6373, 97.3198**, and the grayscale version is **201.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.6980, 14.4459, -60.2481**, and **134.1020, 31.5017, -117.6075** is the 20% darker color. If you saturate the color by 10%, you get **192.9070, 30.6118, -112.1744**, and if you desaturate by 10%, it is **209.3300, 22.5153, -81.8504**.

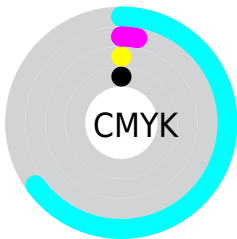
# Distribution



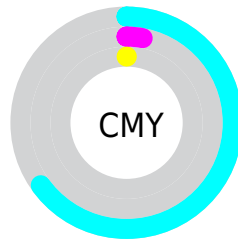
- Red (35%)
- Green (97%)
- Blue (100%)



- Red (35%)
- Yellow (67%)
- Blue (100%)



- Cyan (65%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)



- Cyan (65%)
- Magenta (3%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 200.9690, 26.6373, -97.3198 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 200.9690, 26.6373, -97.3198 by changing the saturation by 10% instead.



200.9690, 26.6373,  
-97.3198

200.9690, 26.6373,  
-97.3198

255.0000, 0.0000,  
0.0000

167.7830, 28.7010,  
-105.9267

225.6980, 14.4459,  
-60.2481

134.1020, 31.5017,  
-117.6075

235.2660, 9.7289,  
-40.5753

115.1750, 27.5217,  
-101.0085

244.8340, 5.0118,  
-20.9024

96.3620, 23.9785,  
-84.5095

254.1030, 0.4422,  
-1.8443

78.1360, 20.1460,  
-68.5253

60.6110, 16.4608,  
-53.1558

43.9010, 13.3598,

-38.5012

■ 28.9520, 9.3907,  
-25.3909

■ 4.3660, 11.6516,  
-3.8290

■ 200.9690, 26.6373,  
-97.3198

■ 200.9690, 26.6373,  
-97.3198

■ 192.9070, 30.6118,  
-112.1744

■ 209.3300, 22.5153,  
-81.8504

■ 184.5460, 34.7338,  
-127.6438

■ 217.3920, 18.5407,  
-66.9958

■ 175.8970, 38.9978,  
-141.9837

■ 226.3400, 14.1294,  
-52.0412

■ 171.7110, 41.0615,  
-150.5905

■ 234.4020, 10.1548,  
-37.1866

■ 242.7630, 6.0328,  
-21.7172

■ 250.8250, 2.0583,  
-6.8625

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.



208.0700, 3.4165, -69.3444



200.9690, 26.6373, -97.3198



201.3230, 26.4628, -87.9833

# Triad

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



200.9690, 26.6373, -97.3198



225.6500, 14.4696, 25.7400



222.1430, -37.0455, 28.8156

# Complementary

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



200.9690, 26.6373, -97.3198



144.0310, -26.6373, 97.3198

# 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.



216.4500, -25.8578, 33.8084



200.9690, 26.6373, -97.3198



218.9020, 8.9223, 31.6579

# Square

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



200.9690, 26.6373, -97.3198



222.5060, 16.0195, -4.8288



214.3420, -8.5496, 35.6571



220.4770, -33.7592, 1.3357

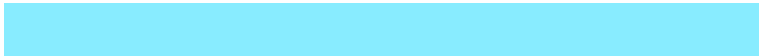


# Rectangle

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



200.9690, 26.6373, -97.3198



208.2660, 23.0399, -63.3773



214.3420, -8.5496, 35.6571



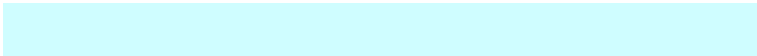
220.2510, -34.1407, 30.4749

# Sweetspot

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



200.9690, 26.6373, -97.3198



239.4740, 7.6543, -28.4797



187.5390, -45.1287, -85.5417



117.8560, 5.0010, -17.4137



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.



200.9690, 26.6373, -97.3198



189.6290, 32.2279, -117.1926



154.0090, 49.7886, -56.1359



123.5260, 2.2057, -7.4773



128.6080, 30.7593, -112.7892



43.1030, 10.3022, -37.8013



# Inverse Universe

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



157.2330, 44.2551, 85.7417



137.0470, 53.2208, 103.4448



190.9910, -49.7886, 56.1359



120.2550, 3.3253, 6.7924



77.8570, 51.3425, 99.2264

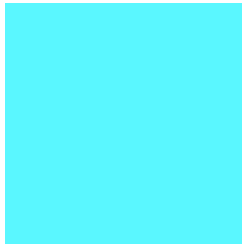


26.0900, 17.2106, 33.2471



# Previews

## White Background



This preview shows how the YUV color 200.9690, 26.6373, -97.3198 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

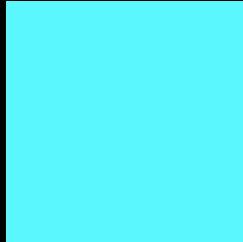
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 200.9690, 26.6373, -97.3198 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 200.9690, 26.6373, -97.3198

## Background



This preview shows how black text looks on a background with the YUV color 200.9690, 26.6373, -97.3198.



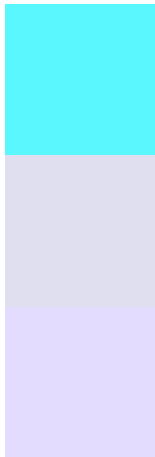
This preview shows how white text looks on a background with the YUV color 200.9690, 26.6373, -97.3198.

-97.3198.

# 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

200.9690, 26.6373, -97.3198

### Protanopia

224.9380, 7.4256, -1.6996

### Deuteranopia

226.0830, 14.2561, 0.8042



## Tritanopia

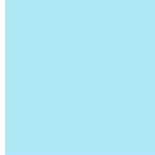
213.0060, 20.7030, -60.5183

# Trichromacy



## Original Color

200.9690, 26.6373, -97.3198



## Protanomaly

216.4390, 14.0806, -36.3420



## Deuteranomaly

217.0030, 18.7325, -35.0826



## Tritanomaly

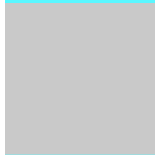
208.7870, 22.7830, -74.3582

# Monochromacy



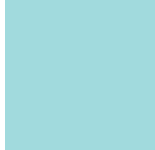
## Original Color

200.9690, 26.6373, -97.3198



## Achromatopsia

201.0000, 0.0000, 0.0000



## Achromatomaly

201.2990, 9.7126, -35.3422

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 200.9690, 26.6373, -97.3198 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(90, 247, 255)` looks like.

```
.text, #text, p{  
    color:rgb(90, 247, 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(90, 247, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 247, 255) }
```

## Border

The CSS property to change the border of an element to YUV 200.9690, 26.6373, -97.3198 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(90, 247, 255) }
```



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

```
.border{ border-color:rgb(90, 247, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 247, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 247, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 247, 255);  
box-shadow:4px 4px 4px 4px rgb(90, 247,  
255) }
```

# Background

The CSS property to change the background color of an element to YUV 200.9690, 26.6373, -97.3198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 247, 255) }
```

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

```
.background{ background-color: rgb(90, 247,  
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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