

# Converting Colors

YUV(195.0990, 29.5312,  
-92.1718)

Have a look what the booklet for  
YUV(195.0990, 29.5312, -92.1718)  
contains.

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# Color

**YUV(195.0990, 29.5312,  
-92.1718)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5AEDFF
RGB	90, 237, 255
RGB Percent	35%, 93%, 100%
CMY	0.6471, 0.0706, 0.0000
CMYK	0.65, 0.07, 0.00, 0.00
HSL	187°, 100%, 68%
HSV	187°, 65%, 100%
XYZ	52.5506, 69.9620, 105.3421
YIQ	195.0990, -93.3900, -25.5660

# Conversions

## Conversions Part 2

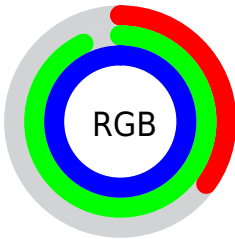
Format	Color
R <sub>YB</sub>	90, 168, 255
Decimal	5959167
CIE Lab	86.98, -33.49, -20.26
CIE LCh	87, 39.145, 211.168
Yxy	69.9620, 0.2306, 0.3070
Android (android.graphics.Color)	4284149247 (0xFF5AEDFF)
YUV	195.0990, 29.5312, -92.1718
Hunter-Lab	83.6433, -34.2295, -16.1207

# Details

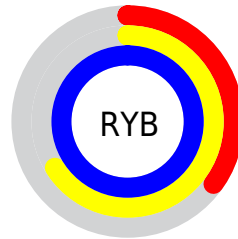
The YUV color **195.0990, 29.5312, -92.1718** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **149.9010, -29.5312, 92.1718**, and the grayscale version is **195.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.6980, 14.4459, -60.2481**, and **128.8190, 34.1062, -112.9743** is the 20% darker color. If you saturate the color by 10%, you get **185.8630, 34.0845, -105.9969**, and if you desaturate by 10%, it is **204.6340, 24.8304, -77.7320**.

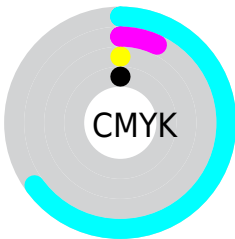
# Distribution



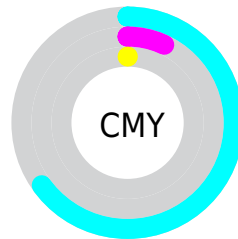
- Red (35%)
- Green (93%)
- Blue (100%)



- Red (35%)
- Yellow (66%)
- Blue (100%)



- Cyan (65%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (65%)
- Magenta (7%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 195.0990, 29.5312, -92.1718 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 195.0990, 29.5312, -92.1718 by changing the saturation by 10% instead.



195.0990, 29.5312,  
-92.1718

195.0990, 29.5312,  
-92.1718

255.0000, 0.0000,  
0.0000

162.7990, 31.1581,  
-100.6787

225.6980, 14.4459,  
-60.2481

128.8190, 34.1062,  
-112.9743

234.9670, 9.8763,  
-41.1901

109.8920, 30.1262,  
-96.3753

244.2360, 5.3067,  
-22.1320

90.9650, 26.1463,  
-79.7763

253.8040, 0.5896,  
-2.4591

73.4400, 22.4611,  
-64.4069

55.9150, 18.7759,  
-49.0375

39.6780, 14.9487,

-34.7976

■ 25.4300, 11.1270,  
-22.3021

■ 3.6650, 11.5042,  
-3.2142

■ 195.0990, 29.5312,  
-92.1718

■ 195.0990, 29.5312,  
-92.1718

■ 185.8630, 34.0845,  
-105.9969

■ 204.6340, 24.8304,  
-77.7320

■ 176.3280, 38.7853,  
-120.4367

■ 213.8700, 20.2771,  
-63.9070

■ 167.6790, 43.0493,  
-134.7765

■ 222.8180, 15.8657,  
-48.9524

■ 162.3190, 45.6917,  
-142.3538

■ 232.0540, 11.3124,  
-35.1274

■ 241.5890, 6.6116,  
-20.6876

■ 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.



199.2420, 9.2477, -73.0032



195.0990, 29.5312, -92.1718



199.0520, 27.5824, -73.7136

# Triad

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



195.0990, 29.5312, -92.1718



220.2530, 16.6373, 30.4731



215.4520, -35.7188, 23.2826

# Complementary

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



195.0990, 29.5312, -92.1718



149.9010, -29.5312, 92.1718

# 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.



212.9620, -29.0683, 36.8673



195.0990, 29.5312, -92.1718



212.6270, 2.6489, 37.1611

# Square

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



195.0990, 29.5312, -92.1718



218.4410, 18.0236, 5.7522



210.1700, -14.3808, 39.3159



211.3880, -28.7853, -7.3563

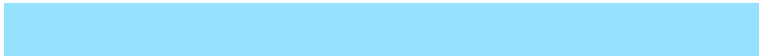


# Rectangle

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



195.0990, 29.5312, -92.1718



205.9950, 24.1595, -49.1076



210.1700, -14.3808, 39.3159



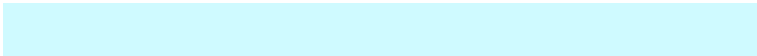
216.6210, -35.3092, 31.9044

# Sweetspot

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



195.0990, 29.5312, -92.1718



237.7130, 8.5225, -26.9353



188.6790, -40.7607, -86.5415



116.6820, 5.5798, -16.3841



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.



195.0990, 29.5312, -92.1718



182.5850, 35.7006, -111.0150



147.5520, 52.9719, -50.4731



122.9390, 2.4951, -6.9625



121.5640, 34.2319, -106.6116



40.7550, 11.4598, -35.7421



# Inverse Universe

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



156.0930, 39.8872, 86.7414



135.6790, 47.9793, 104.6445



197.4480, -52.9719, 50.4731



120.1410, 2.8885, 6.8923



76.4890, 46.1009, 100.4261

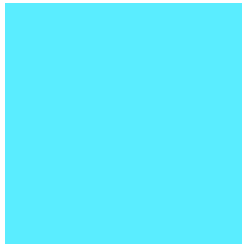


25.6340, 15.4634, 33.6470



# Previews

## White Background



This preview shows how the YUV color 195.0990, 29.5312, -92.1718 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

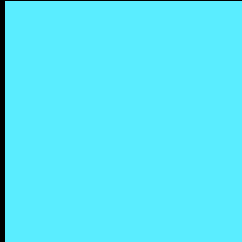
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 195.0990, 29.5312, -92.1718 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

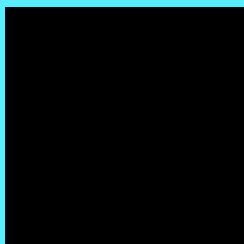
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

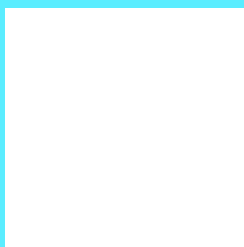
Any Text WCAG AAA ✓ Pass

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

# YUV 195.0990, 29.5312, -92.1718 Background



This preview shows how black text looks on a background with the YUV color 195.0990, 29.5312, -92.1718.



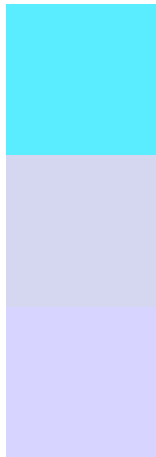
This preview shows how white text looks on a background with the YUV color 195.0990, 29.5312, -92.1718.

-92.1718.

# 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

195.0990, 29.5312, -92.1718

### Protanopia

217.2520, 11.2148, -3.7290

### Deuteranopia

217.7990, 18.3401, -2.4547



## Tritanopia

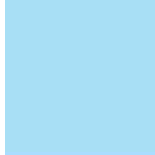
196.6050, 28.7887, -87.3536

# Trichromacy



## Original Color

195.0990, 29.5312, -92.1718



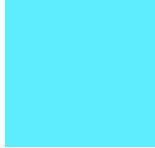
## Protanomaly

209.0630, 17.7169, -36.0123



## Deuteranomaly

209.6270, 22.3689, -34.7529



## Tritanomaly

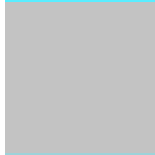
195.7080, 29.2310, -89.1979

# Monochromacy



## Original Color

195.0990, 29.5312, -92.1718



## Achromatopsia

195.0000, 0.0000, 0.0000



## Achromatomaly

194.9510, 10.8702, -33.2830

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 195.0990, 29.5312, -92.1718 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, 237, 255)` looks like.

```
.text, #text, p{  
    color:rgb(90, 237, 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, 237, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 237, 255) }
```

## Border

The CSS property to change the border of an element to YUV 195.0990, 29.5312, -92.1718 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, 237, 255) }
```



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

```
.border{ border-color:rgb(90, 237, 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, 237, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 237, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 237, 255);  
box-shadow:4px 4px 4px 4px rgb(90, 237,  
255) }
```

# Background

The CSS property to change the background color of an element to YUV 195.0990, 29.5312, -92.1718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 237, 255) }
```

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

```
.background{ background-color: rgb(90, 237,  
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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