

# Converting Colors

YUV(179.3230, 29.4208,  
-150.2503)

Have a look what the booklet for  
YUV(179.3230, 29.4208, -150.2503)  
contains.

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# Color

**YUV(179.3230, 29.4208,  
-150.2503)**

# Conversions

## Conversions Part 1

Format	Color
Hex	08FFEF
RGB	8, 255, 239
RGB Percent	3%, 100%, 94%
CMY	0.9686, 0.0000, 0.0627
CMYK	0.97, 0.00, 0.06, 0.00
HSL	176°, 100%, 52%
HSV	176°, 97%, 100%
XYZ	51.4401, 77.8036, 93.9678
YIQ	179.3230, -142.0760, -57.3400

# Conversions

## Conversions Part 2

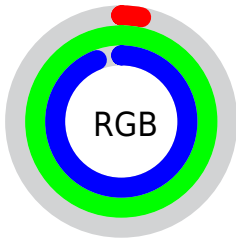
<b>Format</b>	<b>Color</b>
<b>RYB</b>	8, 136, 255
Decimal	589807
CIELab	90.69, -52.41, -6.47
CIELCh	91, 52.803, 187.035
Yxy	77.8036, 0.2305, 0.3486
Android (android.graphics.Color)	4278779887 (0xFF08FFEF)
YUV	179.3230, 29.4208, -150.2503
Hunter-Lab	88.2064, -50.2636, -1.4182

# Details

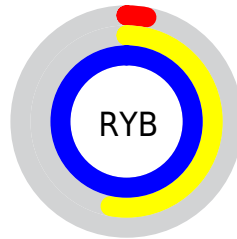
The YUV color **179.3230, 29.4208, -150.2503** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light saturated cyan. A complement of this color would be **83.6770, -29.4208, 150.2503**, and the grayscale version is **179.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.9340, 19.7525, -82.3801**, and **136.5010, 22.9240, -119.7114** is the 20% darker color. If you saturate the color by 10%, you get **176.8170, 30.1632, -155.0685**, and if you desaturate by 10%, it is **187.0260, 26.6092, -135.0808**.

# Distribution



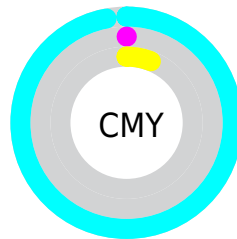
- Red (3%)
- Green (100%)
- Blue (94%)



- Red (3%)
- Yellow (53%)
- Blue (100%)



- Cyan (97%)
- Magenta (0%)
- Yellow (6%)
- Black (0%)



- Cyan (97%)
- Magenta (0%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 179.3230, 29.4208, -150.2503 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 179.3230, 29.4208, -150.2503 by changing the saturation by 10% instead.



179.3230, 29.4208,  
-150.2503

179.3230, 29.4208,  
-150.2503

255.0000, 0.0000,  
0.0000

156.7160, 26.7620,  
-137.4399

214.9340, 19.7525,  
-82.3801

136.5010, 22.9240,  
-119.7114

225.3990, 14.5933,  
-60.8629

116.9870, 19.2334,  
-102.5976

235.5650, 9.5815,  
-39.9605

98.1740, 15.6902,  
-86.0986

245.1330, 4.8644,  
-20.2876

80.0620, 12.2944,  
-70.2144

62.0640, 9.3354,  
-54.4301

44.7670, 6.5239,

-39.2607

■ 29.4590, 3.7177,  
-25.8355

■ 4.8730, 5.9786,  
-4.2736

■ 179.3230, 29.4208,  
-150.2503

■ 179.3230, 29.4208,  
-150.2503

■ 176.8170, 30.1632,  
-155.0685

■ 187.0260, 26.6092,  
-135.0808

■ 194.9140, 23.2134,  
-119.1966

■ 202.9160, 20.2544,  
-103.4123

■ 210.6190, 17.4428,  
-88.2429

■ 218.5070, 14.0470,  
-72.3586

■ 226.2100, 11.2355,  
-57.1892

■ 234.2120, 8.2765,  
-41.4049

■ 241.8010, 5.0281,  
-26.1355

■ 249.8030, 2.0691,  
-10.3512

# Harmonies

## Analogous

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



208.1120, -10.4082, -68.5042



179.3230, 29.4208, -150.2503



177.5810, 38.1676, -155.7385

# Triad

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



179.3230, 29.4208, -150.2503



227.3780, 13.6176, 18.9625



216.1930, -39.5351, 34.0337

# Complementary

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



179.3230, 29.4208, -150.2503



83.6770, -29.4208, 150.2503

# 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.



210.0900, -19.7644, 39.3861



179.3230, 29.4208, -150.2503



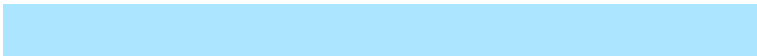
219.1930, 17.6529, 31.4027

# Square

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



179.3230, 29.4208, -150.2503



214.6220, 19.9064, -38.2565



211.4530, 3.2277, 38.1907



223.2380, -47.9383, 22.5933



# Rectangle

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



179.3230, 29.4208, -150.2503



174.6460, 39.6145, -153.1645



211.4530, 3.2277, 38.1907



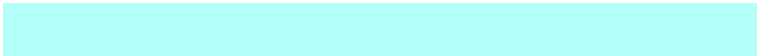
213.6970, -33.8676, 36.2227

# Sweetspot

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



179.3230, 29.4208, -150.2503



232.3040, 8.7241, -44.9936



157.7730, -73.8381, -117.3189



114.2030, 5.3229, -27.3650



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.



179.3230, 29.4208, -150.2503



176.8170, 30.1632, -155.0685



118.3380, 67.3744, -96.7664



123.9990, 1.4795, -7.8921



132.5230, 22.9132, -116.2227



44.4080, 7.6869, -38.9458



# Inverse Universe

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



83.6770, -29.4208, 150.2503



78.1830, -30.1632, 155.0685



144.6620, -67.3744, 96.7664



119.0010, -1.4795, 7.8921



58.4770, -22.9132, 116.2227

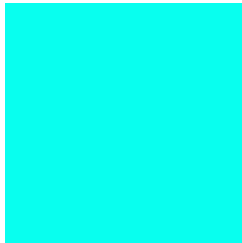


19.5920, -7.6869, 38.9458



# Previews

## White Background



This preview shows how the YUV color 179.3230, 29.4208, -150.2503 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

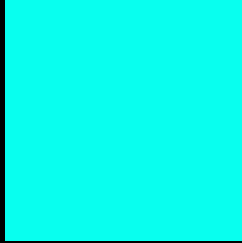
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 179.3230, 29.4208, -150.2503 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

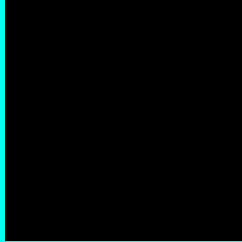
Any Text WCAG AA ✓ Pass

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 179.3230, 29.4208, -150.2503 Background



This preview shows how black text looks on a background with the YUV color 179.3230, 29.4208, -150.2503.



This preview shows how white text looks on a background with the YUV color 179.3230, 29.4208, -150.2503.

-150.2503.

# Color Blindness Simulation

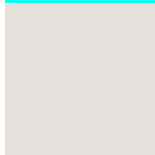
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



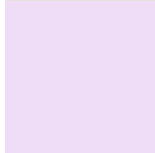
### Original Color

179.3230, 29.4208, -150.2503



### Protanopia

226.4520, -2.1948, 3.9886



### Deuteranopia

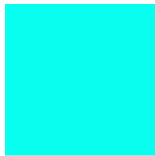
228.7590, 8.9928, 8.9814



## Tritanopia

216.2730, 19.0924, -57.2444

# Trichromacy



## Original Color

179.3230, 29.4208, -150.2503



## Protanomaly

209.3740, 9.1826, -52.0710



## Deuteranomaly

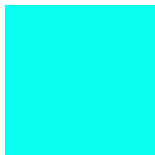
210.9320, 16.3025, -49.0524



## Tritanomaly

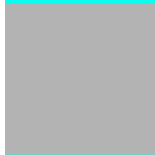
202.9760, 22.6898, -91.1870

# Monochromacy



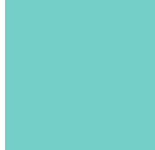
## Original Color

179.3230, 29.4208, -150.2503



## Achromatopsia

179.0000, 0.0000, 0.0000



## Achromatomaly

179.4060, 10.6458, -54.7301

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 179.3230, 29.4208, -150.2503 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(8, 255, 239)` looks like.

```
.text, #text, p{  
    color:rgb(8, 255, 239)  
}
```

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(8, 255, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 255, 239) }
```

## Border

The CSS property to change the border of an element to YUV 179.3230, 29.4208, -150.2503 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(8, 255, 239) }
```



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

```
.border{ border-color:rgb(8, 255, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 255, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 255, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 255, 239);  
box-shadow:4px 4px 4px 4px rgb(8, 255,  
239) }
```

# Background

The CSS property to change the background color of an element to YUV 179.3230, 29.4208, -150.2503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 255, 239) }
```

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

```
.background{ background-color: rgb(8, 255,  
239) }
```

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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