

# Converting Colors

YUV(169.7590, 28.2198,  
-138.3546)

Have a look what the booklet for  
YUV(169.7590, 28.2198, -138.3546)  
contains.

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# Color

**YUV(169.7590, 28.2198,  
-138.3546)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0CEFE3
RGB	12, 239, 227
RGB Percent	5%, 94%, 89%
CMY	0.9529, 0.0627, 0.1098
CMYK	0.95, 0.00, 0.05, 0.06
HSL	177°, 90%, 49%
HSV	177°, 95%, 94%
XYZ	44.8832, 67.3572, 83.3087
YIQ	169.7590, -131.4400, -51.8560

# Conversions

## Conversions Part 2

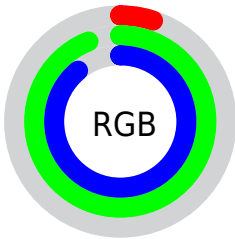
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	12, 129, 239
Decimal	847843
CIE <sub>Lab</sub>	85.68, -48.93, -7.61
CIE <sub>LCh</sub>	86, 49.521, 188.837
Yxy	67.3572, 0.2295, 0.3445
Android (android.graphics.Color)	4279037923 (0xFF0CEFE3)
YUV	169.7590, 28.2198, -138.3546
Hunter-Lab	82.0714, -46.0069, -2.7338




# Details

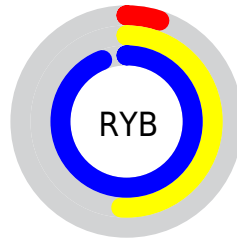
The YUV color **169.7590, 28.2198, -138.3546** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light washed cyan. A complement of this color would be **81.2410, -28.2198, 138.3546**, and the grayscale version is **170.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **213.7380, 20.3422, -84.8392**, and **126.4420, 22.4601, -110.8896** is the 20% darker color. If you saturate the color by 10%, you get **166.0570, 29.5519, -145.6320**, and if you desaturate by 10%, it is **177.0490, 25.1188, -123.7000**.

# Distribution







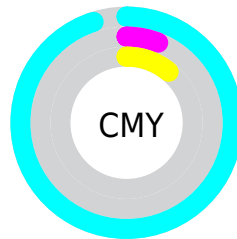
-  Red (5%)
-  Green (94%)
-  Blue (89%)






-  Red (5%)
-  Yellow (51%)
-  Blue (94%)



-  Cyan (95%)
-  Magenta (0%)
-  Yellow (5%)
-  Black (6%)



-  Cyan (95%)
-  Magenta (6%)
-  Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 169.7590, 28.2198, -138.3546 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 169.7590, 28.2198, -138.3546 by changing the saturation by 10% instead.



169.7590, 28.2198,  
-138.3546

169.7590, 28.2198,  
-138.3546

255.0000, 0.0000,  
0.0000

145.9560, 26.1507,  
-128.0034

213.7380, 20.3422,  
-84.8392

126.4420, 22.4601,  
-110.8896

224.2030, 15.1829,  
-63.3220

107.5150, 18.4801,  
-94.2907

234.0700, 10.3185,  
-43.0344

88.8160, 15.3737,  
-77.8916

243.6380, 5.6015,  
-23.3615

70.7040, 11.9779,  
-62.0074

253.2060, 0.8844,  
-3.6887

53.2930, 8.7296,  
-46.7380

36.6970, 6.0654,

-32.1833

■ 20.2150, 3.8380,  
-17.7286

■ 0.0000, 0.0000,  
0.0000

■ 169.7590, 28.2198,  
-138.3546

■ 169.7590, 28.2198,  
-138.3546

■ 166.0570, 29.5519,  
-145.6320

■ 177.0490, 25.1188,  
-123.7000

■ 184.4530, 22.4547,  
-109.1453

■ 191.7430, 19.3537,  
-94.4906

■ 199.0330, 16.2527,  
-79.8359

■ 206.3230, 13.1518,  
-65.1813

■ 213.4280, 10.6350,  
-51.2414

■ 220.7180, 7.5340,  
-36.5867

■ 228.0080, 4.4331,  
-21.9320

■ 235.2980, 1.3321,  
-7.2773

# Harmonies

## Analogous

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



194.5190, -7.6509, -66.2302



169.7590, 28.2198, -138.3546



167.6020, 43.0872, -146.9870

# Triad

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



169.7590, 28.2198, -138.3546



215.5720, 19.4380, 18.7924



208.1230, -39.9936, 41.1111

# Complementary

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



169.7590, 28.2198, -138.3546



81.2410, -28.2198, 138.3546

# 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.



202.2650, -21.8226, 46.2486



169.7590, 28.2198, -138.3546



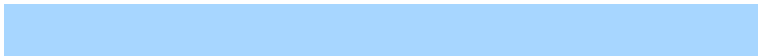
211.4650, 18.5048, 38.1802

# Square

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



169.7590, 28.2198, -138.3546



204.6210, 24.8368, -32.9936



203.1720, -0.5778, 45.4532



209.5410, -44.1437, 18.8195



# Rectangle

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



169.7590, 28.2198, -138.3546



165.2540, 44.2448, -144.9278



203.1720, -0.5778, 45.4532



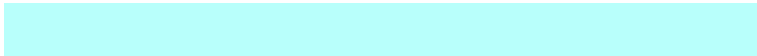
205.5130, -34.7629, 43.4001

# Sweetspot

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



169.7590, 28.2198, -138.3546



233.3150, 8.7187, -43.2493



149.7340, -67.9029, -107.6377



114.5020, 5.1755, -26.7503



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.



169.7590, 28.2198, -138.3546



177.2730, 31.9104, -155.4684



113.6010, 61.8217, -89.1041



116.2980, 1.3321, -7.2773



127.8440, 22.7549, -112.1192



38.9140, 6.9444, -34.1276



# Inverse Universe

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



81.2410, -28.2198, 138.3546



77.7270, -31.9104, 155.4684



137.3990, -61.8217, 89.1041



111.5880, -1.7689, 7.3773



56.1560, -22.7549, 112.1192

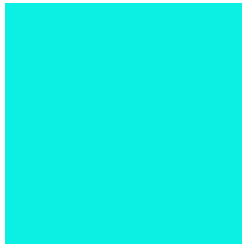


17.0860, -6.9444, 34.1276



# Previews

## White Background



This preview shows how the YUV color 169.7590, 28.2198, -138.3546 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

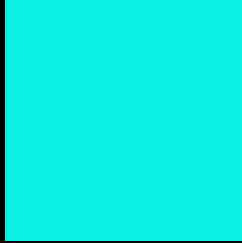
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 169.7590, 28.2198, -138.3546 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

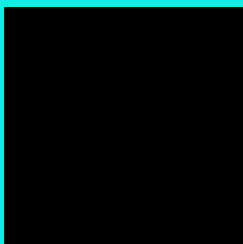
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

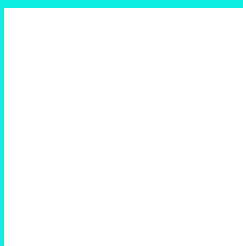
Any Text WCAG AAA ✓ Pass

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

# YUV 169.7590, 28.2198, -138.3546 Background



This preview shows how black text looks on a background with the YUV color 169.7590, 28.2198, -138.3546.



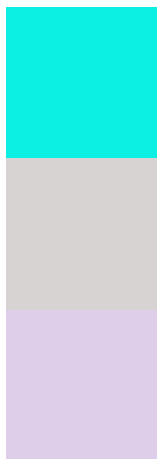
This preview shows how white text looks on a background with the YUV color 169.7590, 28.2198, -138.3546.

-138.3546.

# 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

169.7590, 28.2198, -138.3546

### Protanopia

212.4950, -0.7370, 3.0739

### Deuteranopia

214.2750, 9.7244, 7.6518



## Tritanopia

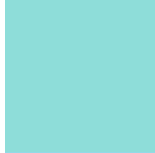
183.0470, 34.9798, -113.1742

# Trichromacy



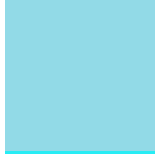
## Original Color

169.7590, 28.2198, -138.3546



## Protanomaly

196.9230, 9.8980, -48.1675



## Deuteranomaly

197.9540, 16.2917, -45.5637



## Tritanomaly

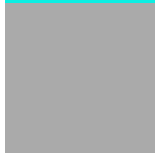
178.0090, 32.5336, -121.9109

# Monochromacy



## Original Color

169.7590, 28.2198, -138.3546



## Achromatopsia

170.0000, 0.0000, 0.0000



## Achromatomaly

170.0260, 10.3402, -50.0118

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 169.7590, 28.2198, -138.3546 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(12, 239, 227)` looks like.

```
.text, #text, p{  
    color:rgb(12, 239, 227)  
}
```

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(12, 239, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 239, 227) }
```

## Border

The CSS property to change the border of an element to YUV 169.7590, 28.2198, -138.3546 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(12, 239, 227) }
```



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

```
.border{ border-color:rgb(12, 239, 227) }
```

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

Here you see how a box with a 4 pixel rgb(12, 239, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 239, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 239, 227);  
box-shadow:4px 4px 4px 4px rgb(12, 239,  
227) }
```

# Background

The CSS property to change the background color of an element to YUV 169.7590, 28.2198, -138.3546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 239, 227) }
```

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

```
.background{ background-color: rgb(12, 239,  
227) }
```

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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