

Converting Colors

YUV(179.2000, 36.3834,
-96.6454)

Have a look what the booklet for
YUV(179.2000, 36.3834, -96.6454)
contains.

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Color

**YUV(179.2000, 36.3834,
-96.6454)**

Conversions

Conversions Part 1

Format	Color
Hex	45DDFD
RGB	69, 221, 253
RGB Percent	27%, 87%, 99%
CMY	0.7294, 0.1333, 0.0078
CMYK	0.73, 0.13, 0.00, 0.01
HSL	190°, 98%, 63%
HSV	190°, 73%, 99%
XYZ	46.0403, 60.0700, 102.0966
YIQ	179.2000, -100.8640, -22.2720

Conversions

Conversions Part 2

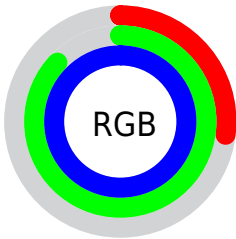
Format	Color
R _Y B	69, 152, 253
Decimal	4578813
CIE Lab	81.88, -29.20, -27.00
CIE LCh	82, 39.774, 222.760
Yxy	60.0700, 0.2211, 0.2885
Android (android.graphics.Color)	4282768893 (0xFF45DDFD)
YUV	179.2000, 36.3834, -96.6454
Hunter-Lab	77.5048, -29.5988, -23.8490

Details

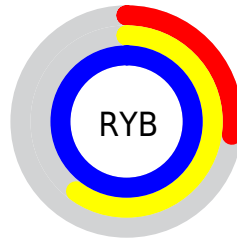
The YUV color **179.2000, 36.3834, -96.6454** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **142.8000, -36.3834, 96.6454**, and the grayscale version is **179.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.9140, 16.8044, -70.0846**, and **119.7860, 37.5735, -105.0523** is the 20% darker color. If you saturate the color by 10%, you get **169.3770, 41.2261, -109.9556**, and if you desaturate by 10%, it is **189.0230, 31.5407, -83.3352**.

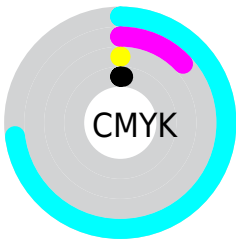
Distribution



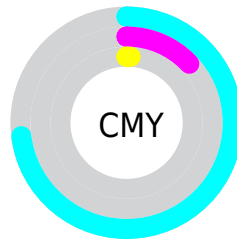
- Red (27%)
- Green (87%)
- Blue (99%)



- Red (27%)
- Yellow (60%)
- Blue (99%)



- Cyan (73%)
- Magenta (13%)
- Yellow (0%)
- Black (1%)



- Cyan (73%)
- Magenta (13%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 179.2000, 36.3834, -96.6454 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 179.2000, 36.3834, -96.6454 by changing the saturation by 10% instead.

179.2000, 36.3834,
-96.6454

179.2000, 36.3834,
-96.6454

255.0000, 0.0000,
0.0000

138.8270, 41.9903,
-121.7513

220.9140, 16.8044,
-70.0846

119.7860, 37.5735,
-105.0523

230.4820, 12.0874,
-50.4117

100.8590, 33.5935,
-88.4533

239.7510, 7.5178,
-31.3536

82.5190, 29.3241,
-72.3692

249.3190, 2.8007,
-11.6808

64.9940, 25.6390,
-56.9997

48.0560, 21.6644,
-42.1451

32.4060, 17.5478,

-28.4201

■ 14.6360, 15.4625,
-12.8358

■ 3.4370, 10.6306,
-3.0142

■ 179.2000, 36.3834,
-96.6454

■ 179.2000, 36.3834,
-96.6454

■ 169.3770, 41.2261,
-109.9556

■ 189.0230, 31.5407,
-83.3352

■ 158.6680, 46.5057,
-123.3658

■ 199.7320, 26.2611,
-69.9250

■ 151.5250, 50.0272,
-132.8874

■ 209.5550, 21.4184,
-56.6147

■ 219.9650, 16.2863,
-43.8193

■ 230.0870, 11.2961,
-29.8943

■ 239.9100, 6.4534,
-16.5841

■ 250.3200, 1.3212,
-3.7886

■ 254.7720, -0.8736,
0.2000

Harmonies

Analogous

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



180.6730, 18.8952, -87.4132



179.2000, 36.3834, -96.6454



189.0840, 32.4966, -63.2177

Triad

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



179.2000, 36.3834, -96.6454



206.6090, 10.0528, 42.4389



199.4290, -34.2285, 11.9018

Complementary

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



179.2000, 36.3834, -96.6454



142.8000, -36.3834, 96.6454

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.



203.1920, -34.6047, 39.2966



179.2000, 36.3834, -96.6454



200.5160, -5.6774, 47.7825

Square

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



179.2000, 36.3834, -96.6454



207.5980, 23.3692, 17.8926



200.7490, -22.5543, 47.5781



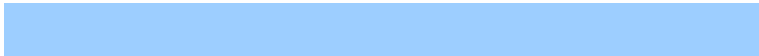
194.7930, -23.0689, -20.8665

Rectangle

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



179.2000, 36.3834, -96.6454



196.9350, 28.6260, -35.0230



200.7490, -22.5543, 47.5781



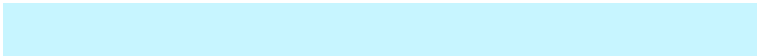
200.5550, -35.2766, 21.4383

Sweetspot

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



179.2000, 36.3834, -96.6454



232.3860, 11.1487, -29.2795



180.5420, -39.7072, -97.8223



114.3120, 6.7482, -17.8136



0.0000, 0.0000, 0.0000



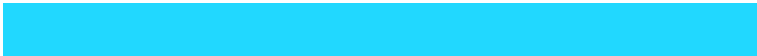
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



179.2000, 36.3834, -96.6454



165.7290, 44.0106, -116.4033



125.7830, 62.7180, -49.7987



122.3520, 2.7845, -6.4477



114.5200, 37.7046, -100.4340



38.4070, 12.6173, -33.6829

Inverse Universe

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



141.3440, 39.2704, 97.9223



120.2400, 47.2097, 118.1845



196.2170, -62.7180, 49.7987



120.0270, 2.4517, 6.9923



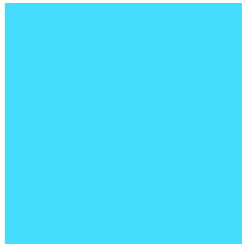
75.1210, 40.8593, 101.6259



25.1780, 13.7162, 34.0469

Previews

White Background



This preview shows how the YUV color 179.2000, 36.3834, -96.6454 looks on a white background.

Color Contrast Check

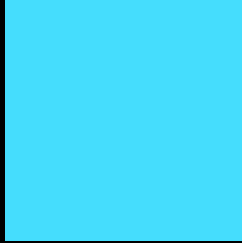
Large Text (above 18pt) WCAG AA × Fail

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 179.2000, 36.3834, -96.6454 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

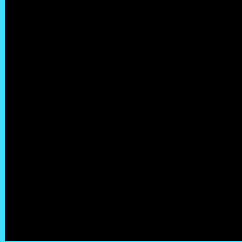
Any Text WCAG AA ✓ Pass

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 179.2000, 36.3834, -96.6454 Background



This preview shows how black text looks on a background with the YUV color 179.2000, 36.3834, -96.6454.



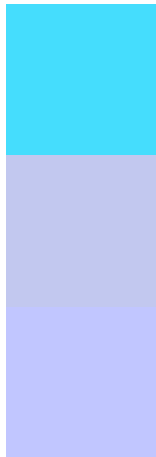
This preview shows how white text looks on a background with the YUV color 179.2000, 36.3834, -96.6454.

-96.6454.

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

179.2000, 36.3834, -96.6454

Protanopia

202.6520, 17.9196, -7.5878

Deuteranopia

203.0030, 25.6345, -8.7726



Tritanopia

176.3150, 31.8897, -102.0083

Trichromacy



Original Color

179.2000, 36.3834, -96.6454



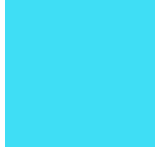
Protanomaly

194.4630, 24.4217, -39.8711



Deuteranomaly

194.1300, 29.5159, -40.4560



Tritanomaly

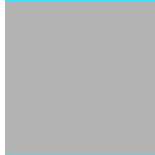
177.0810, 33.4841, -100.0490

Monochromacy



Original Color

179.2000, 36.3834, -96.6454



Achromatopsia

179.0000, 0.0000, 0.0000



Achromatomaly

178.9230, 13.3490, -35.0125

CSS Examples

Text

The CSS property to change the color of the text to YUV 179.2000, 36.3834, -96.6454 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(69, 221, 253)` looks like.

```
.text, #text, p{  
    color:rgb(69, 221, 253)  
}
```

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(69, 221, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 221, 253) }
```

Border

The CSS property to change the border of an element to YUV 179.2000, 36.3834, -96.6454 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(69, 221, 253) }
```


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

```
.border{ border-color:rgb(69, 221, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 221, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 221, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 221, 253);  
box-shadow:4px 4px 4px 4px rgb(69, 221,  
253) }
```

Background

The CSS property to change the background color of an element to YUV 179.2000, 36.3834, -96.6454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 221, 253) }
```

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

```
.background{ background-color: rgb(69, 221,  
253) }
```

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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