

# Converting Colors

YUV(173.7580, 36.6013,  
-119.9368)

Have a look what the booklet for  
YUV(173.7580, 36.6013, -119.9368)  
contains.

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# Color

**YUV(173.7580, 36.6013,  
-119.9368)**

# Conversions

## Conversions Part 1

Format	Color
Hex	25E5F8
RGB	37, 229, 248
RGB Percent	15%, 90%, 97%
CMY	0.8549, 0.1020, 0.0275
CMYK	0.85, 0.08, 0.00, 0.03
HSL	185°, 94%, 56%
HSV	185°, 85%, 97%
XYZ	45.7255, 63.2092, 98.5976
YIQ	173.7580, -120.5310, -34.7950

# Conversions

## Conversions Part 2

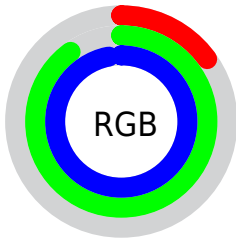
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	37, 138, 248
Decimal	2483704
CIE Lab	83.55, -37.32, -21.85
CIE LCh	84, 43.250, 210.347
Yxy	63.2092, 0.2203, 0.3046
Android (android.graphics.Color)	4280673784 (0xFF25E5F8)
YUV	173.7580, 36.6013, -119.9368
Hunter-Lab	79.5042, -36.4711, -17.8758

# Details

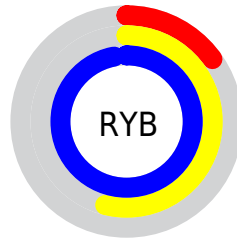
The YUV color **173.7580, 36.6013, -119.9368** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **111.2420, -36.6013, 119.9368**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.1300, 19.1629, -79.9210**, and **123.4390, 33.8006, -108.2560** is the 20% darker color. If you saturate the color by 10%, you get **165.1090, 40.8653, -134.2766**, and if you desaturate by 10%, it is **182.4070, 32.3373, -105.5969**.

# Distribution



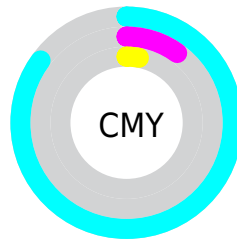
- Red (15%)
- Green (90%)
- Blue (97%)



- Red (15%)
- Yellow (54%)
- Blue (97%)



- Cyan (85%)
- Magenta (8%)
- Yellow (0%)
- Black (3%)



- Cyan (85%)
- Magenta (10%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 173.7580, 36.6013, -119.9368 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 173.7580, 36.6013, -119.9368 by changing the saturation by 10% instead.



173.7580, 36.6013,  
-119.9368

173.7580, 36.6013,  
-119.9368

255.0000, 0.0000,  
0.0000

142.9530, 37.4912,  
-125.3698

216.1300, 19.1629,  
-79.9210

123.4390, 33.8006,  
-108.2560

226.2960, 14.1511,  
-59.0186

104.3980, 29.3838,  
-91.5570

235.8640, 9.4340,  
-39.3457

86.1720, 25.5512,  
-75.5728

245.4320, 4.7170,  
-19.6729

68.0600, 22.1554,  
-59.6886

51.1220, 18.1809,  
-44.8340

34.9990, 14.7905,

-30.6941

■ 18.4030, 12.1263,  
-16.1394

■ 3.0950, 9.3202,  
-2.7143

■ 173.7580, 36.6013,  
-119.9368

■ 173.7580, 36.6013,  
-119.9368

■ 165.1090, 40.8653,  
-134.2766

■ 182.4070, 32.3373,  
-105.5969

■ 160.9340, 42.9235,  
-141.1391

■ 191.0560, 28.0734,  
-91.2571

■ 199.9930, 23.6675,  
-78.0469

■ 208.6420, 19.4035,  
-63.7070

■ 217.2910, 15.1395,  
-49.3672

■ 225.9400, 10.8756,  
-35.0274

■ 235.1760, 6.3222,  
-21.2024

■ 243.5260, 2.2057,  
-7.4773

■ 250.6800, -1.3212,  
3.7886

# Harmonies

## Analogous

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



185.2190, 10.7380, -84.3841



173.7580, 36.6013, -119.9368



183.2930, 35.3516, -92.3420

# Triad

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



173.7580, 36.6013, -119.9368



212.6390, 17.9260, 37.1506



205.5510, -39.2186, 25.8268

# Complementary

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



173.7580, 36.6013, -119.9368



111.2420, -36.6013, 119.9368

# 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.



204.7950, -32.4369, 44.0298



173.7580, 36.6013, -119.9368



203.9700, 2.4798, 44.7533

# Square

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



173.7580, 36.6013, -119.9368



208.9830, 22.6864, 3.5229



201.1710, -15.8603, 47.2080



200.9920, -31.5481, -7.8860

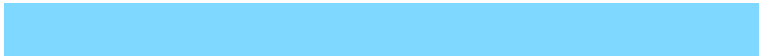


# Rectangle

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



173.7580, 36.6013, -119.9368



193.8350, 30.1543, -58.6143



201.1710, -15.8603, 47.2080



206.4320, -38.6670, 35.5781

# Sweetspot

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



173.7580, 36.6013, -119.9368



231.7440, 11.4652, -37.4865



162.9090, -53.1991, -110.4222



113.6920, 7.0538, -22.5319



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.



173.7580, 36.6013, -119.9368



165.2540, 44.2448, -144.9278



112.7100, 66.6980, -66.3977



120.5260, 2.2057, -7.4773



122.5100, 32.7796, -107.4413



39.8260, 10.4388, -34.9274



# Inverse Universe

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



121.9770, 52.7623, 110.5222



102.6930, 63.7484, 133.5732



172.2900, -66.6980, 66.3977



117.2550, 3.3253, 6.7924



76.1190, 47.2693, 98.9966

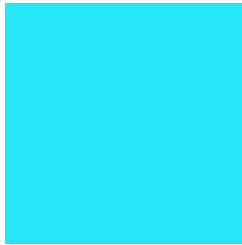


24.6230, 15.4689, 31.9026



# Previews

## White Background



This preview shows how the YUV color 173.7580, 36.6013, -119.9368 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

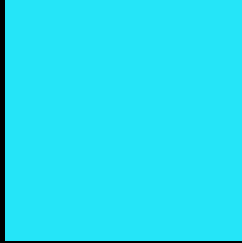
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 173.7580, 36.6013, -119.9368 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

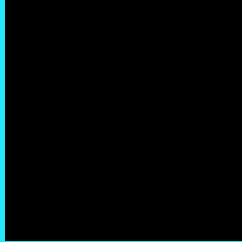
Any Text WCAG AA ✓ Pass

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 173.7580, 36.6013, -119.9368 Background



This preview shows how black text looks on a background with the YUV color 173.7580, 36.6013, -119.9368.



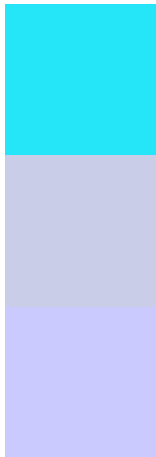
This preview shows how white text looks on a background with the YUV color 173.7580, 36.6013, -119.9368.

-119.9368.

# 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

173.7580, 36.6013, -119.9368

### Protanopia

207.1810, 12.2358, -4.5437

### Deuteranopia

207.9280, 22.7135, -5.1989



## Tritanopia

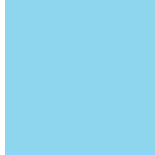
173.7580, 36.6013, -119.9368

# Trichromacy



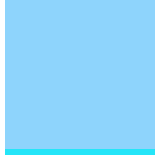
## Original Color

173.7580, 36.6013, -119.9368



## Protanomaly

195.2080, 21.0965, -46.6634



## Deuteranomaly

195.6300, 27.7904, -47.0335



## Tritanomaly

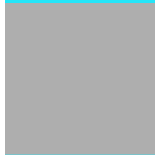
173.7580, 36.6013, -119.9368

# Monochromacy



## Original Color

173.7580, 36.6013, -119.9368



## Achromatopsia

174.0000, 0.0000, 0.0000



## Achromatomaly

173.8680, 13.3761, -43.7342

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 173.7580, 36.6013, -119.9368 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(37, 229, 248)` looks like.

```
.text, #text, p{  
    color:rgb(37, 229, 248)  
}
```

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(37, 229, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 229, 248) }
```

## Border

The CSS property to change the border of an element to YUV 173.7580, 36.6013, -119.9368 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(37, 229, 248) }
```



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

```
.border{ border-color:rgb(37, 229, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 229, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 229, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 229, 248);  
box-shadow:4px 4px 4px 4px rgb(37, 229,  
248) }
```

# Background

The CSS property to change the background color of an element to YUV 173.7580, 36.6013, -119.9368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 229, 248) }
```

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

```
.background{ background-color: rgb(37, 229,  
248) }
```

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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