

Converting Colors

YUV(172.2080, 40.8165,
-118.5774)

Have a look what the booklet for
YUV(172.2080, 40.8165, -118.5774)
contains.

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Color

**YUV(172.2080, 40.8165,
-118.5774)**

Conversions

Conversions Part 1

Format	Color
Hex	25E1FF
RGB	37, 225, 255
RGB Percent	15%, 88%, 100%
CMY	0.8549, 0.1176, 0.0000
CMYK	0.85, 0.12, 0.00, 0.00
HSL	188°, 100%, 57%
HSV	188°, 85%, 100%
XYZ	45.7382, 61.4637, 104.0608
YIQ	172.2080, -121.6780, -30.5260

Conversions

Conversions Part 2

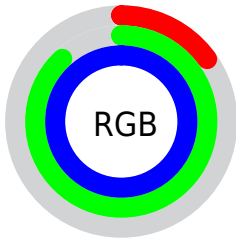
Format	Color
R _Y B	37, 138, 255
Decimal	2482687
CIE Lab	82.63, -33.30, -26.96
CIE LCh	83, 42.843, 218.988
Yxy	61.4637, 0.2165, 0.2909
Android (android.graphics.Color)	4280672767 (0xFF25E1FF)
YUV	172.2080, 40.8165, -118.5774
Hunter-Lab	78.3988, -33.0604, -23.8180

Details

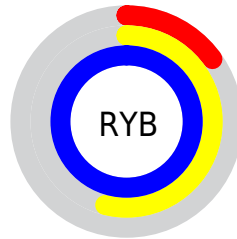
The YUV color **172.2080, 40.8165, -118.5774** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **119.7920, -40.8165, 118.5774**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.1300, 19.1629, -79.9210**, and **121.7750, 37.5789, -106.7967** is the 20% darker color. If you saturate the color by 10%, you get **162.3850, 45.6592, -131.8876**, and if you desaturate by 10%, it is **182.3300, 35.8263, -104.6524**.

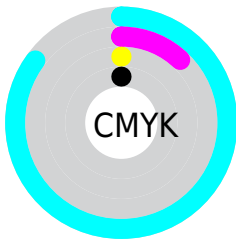
Distribution



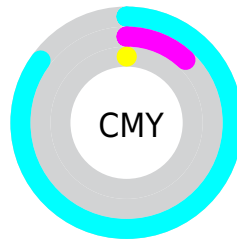
- Red (15%)
- Green (88%)
- Blue (100%)



- Red (15%)
- Yellow (54%)
- Blue (100%)



- Cyan (85%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)



- Cyan (85%)
- Magenta (12%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.2080, 40.8165, -118.5774 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 172.2080, 40.8165, -118.5774 by changing the saturation by 10% instead.

172.2080, 40.8165,
-118.5774

172.2080, 40.8165,
-118.5774

255.0000, 0.0000,
0.0000

141.4030, 41.7063,
-124.0104

216.1300, 19.1629,
-79.9210

121.7750, 37.5789,
-106.7967

226.2960, 14.1511,
-59.0186

102.8480, 33.5989,
-90.1977

236.1630, 9.2866,
-38.7310

84.5080, 29.3296,
-74.1135

245.7310, 4.5696,
-19.0581

66.9830, 25.6444,
-58.7441

50.0450, 21.6698,
-43.8895

33.8080, 17.8427,

-29.6496

■ 16.6250, 15.4679,
-14.5801

■ 3.5510, 11.0674,
-3.1142

■ 172.2080, 40.8165,
-118.5774

■ 172.2080, 40.8165,
-118.5774

■ 162.3850, 45.6592,
-131.8876

■ 182.3300, 35.8263,
-104.6524

■ 158.2100, 47.7175,
-138.7502

■ 191.5660, 31.2730,
-90.8274

■ 201.6880, 26.2828,
-76.9024

■ 210.9240, 21.7295,
-63.0773

■ 221.0460, 16.7393,
-49.1523

■ 230.2820, 12.1860,
-35.3273

■ 240.4040, 7.1958,
-21.4023

■ 249.6400, 2.6425,
-7.5773

■ 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.



179.2160, 18.6275, -94.9054



172.2080, 40.8165, -118.5774



186.3380, 33.8504, -77.4724

Triad

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



172.2080, 40.8165, -118.5774



207.5210, 13.5471, 41.6391



201.5390, -37.7337, 16.1903

Complementary

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



172.2080, 40.8165, -118.5774



119.7920, -40.8165, 118.5774

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.



204.4700, -36.2207, 44.3148



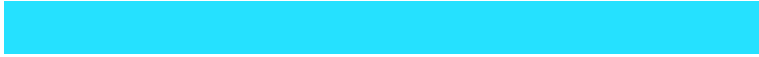
172.2080, 40.8165, -118.5774



200.6130, -2.7672, 47.6974

Square

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



172.2080, 40.8165, -118.5774



208.7610, 22.7958, 15.1186



200.3900, -21.3913, 47.8930



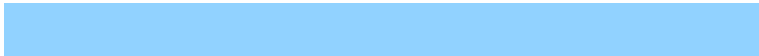
197.0770, -27.1530, -17.6075

Rectangle

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



172.2080, 40.8165, -118.5774



195.6950, 29.2374, -44.4595



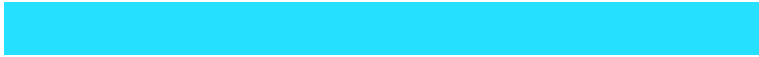
200.3900, -21.3913, 47.8930



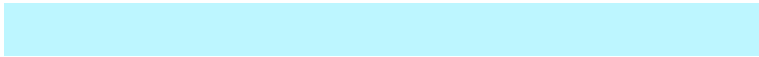
203.0780, -38.4925, 26.2416

Sweetspot

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



172.2080, 40.8165, -118.5774



229.9830, 12.3334, -35.9421



168.2720, -50.4201, -115.1255



112.5180, 7.6326, -21.5023



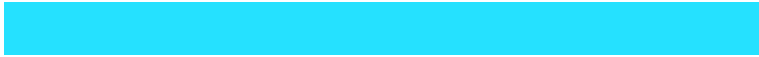
0.0000, 0.0000, 0.0000



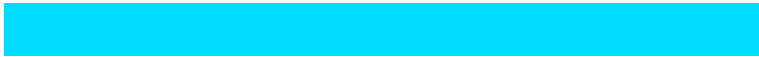
128.0000, 0.0000, 0.0000

Same Dimension

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



172.2080, 40.8165, -118.5774



158.2100, 47.7175, -138.7502



108.8120, 72.0707, -62.9791



122.9390, 2.4951, -6.9625



118.6290, 35.6789, -104.0376



39.5810, 12.0386, -34.7125

Inverse Universe

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



123.6140, 49.9833, 115.2255



101.3250, 58.5068, 134.7730



183.1880, -72.0707, 62.9791



120.1410, 2.8885, 6.8923



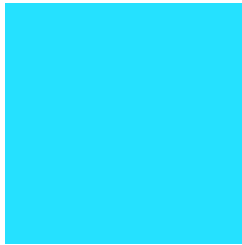
75.9190, 43.9169, 100.9260



25.4060, 14.5898, 33.8469

Previews

White Background



This preview shows how the YUV color 172.2080, 40.8165, -118.5774 looks on a white background.

Color Contrast Check

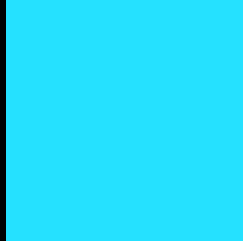
Large Text (above 18pt) WCAG AA × Fail

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 172.2080, 40.8165, -118.5774 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

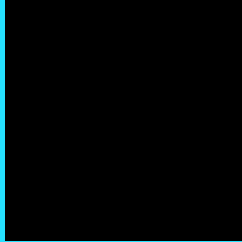
Any Text WCAG AA ✓ Pass

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 172.2080, 40.8165, -118.5774 Background



This preview shows how black text looks on a background with the YUV color 172.2080, 40.8165, -118.5774.

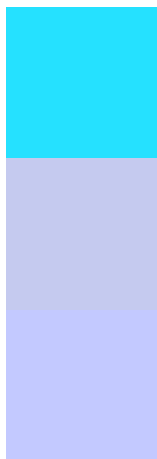


This preview shows how white text looks on a background with the YUV color 172.2080, 40.8165, -118.5774.

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

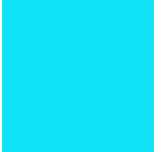
172.2080, 40.8165, -118.5774

Protanopia

204.7230, 16.8986, -6.7731

Deuteranopia

205.3620, 24.4715, -9.0875



Tritanopia

165.9630, 38.9652, -131.5176

Trichromacy



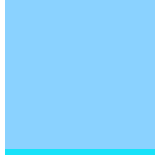
Original Color

172.2080, 40.8165, -118.5774



Protanomaly

192.7610, 25.7538, -47.1484



Deuteranomaly

193.6020, 30.2692, -48.7630



Tritanomaly

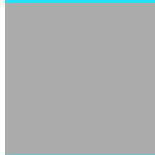
168.2240, 39.8226, -126.4844

Monochromacy



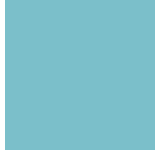
Original Color

172.2080, 40.8165, -118.5774



Achromatopsia

172.0000, 0.0000, 0.0000



Achromatomaly

171.9220, 14.8285, -42.9046

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.2080, 40.8165, -118.5774 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, 225, 255)` looks like.

```
.text, #text, p{  
    color:rgb(37, 225, 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(37, 225, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 225, 255) }
```

Border

The CSS property to change the border of an element to YUV 172.2080, 40.8165, -118.5774 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, 225, 255) }
```


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

```
.border{ border-color:rgb(37, 225, 255) }
```

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

Here you see how a box with a 4 pixel rgb(37, 225, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 225, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 225, 255);  
box-shadow:4px 4px 4px 4px rgb(37, 225,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 172.2080, 40.8165, -118.5774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 225, 255) }
```

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

```
.background{ background-color: rgb(37, 225,  
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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