

Converting Colors

YUV(160.4020, 46.6368,
-118.7476)

Have a look what the booklet for
YUV(160.4020, 46.6368, -118.7476)
contains.

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Color

**YUV(160.4020, 46.6368,
-118.7476)**

Conversions

Conversions Part 1

Format	Color
Hex	19D3FF
RGB	25, 211, 255
RGB Percent	10%, 83%, 100%
CMY	0.9020, 0.1725, 0.0000
CMYK	0.90, 0.17, 0.00, 0.00
HSL	191°, 100%, 55%
HSV	191°, 90%, 100%
XYZ	41.7452, 54.0152, 102.8335
YIQ	160.4020, -124.9800, -25.7480

Conversions

Conversions Part 2

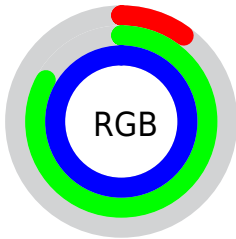
Format	Color
R _Y B	25, 128, 255
Decimal	1692671
CIE Lab	78.47, -27.13, -33.34
CIE LCh	78, 42.990, 230.863
Yxy	54.0152, 0.2102, 0.2720
Android (android.graphics.Color)	4279882751 (0xFF19D3FF)
YUV	160.4020, 46.6368, -118.7476
Hunter-Lab	73.4950, -27.2283, -31.5114

Details

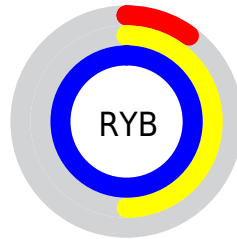
The YUV color **160.4020, 46.6368, -118.7476** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **119.5980, -46.6368, 118.7476**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.6350, 19.8999, -82.9949**, and **114.1440, 41.3410, -100.1043** is the 20% darker color. If you saturate the color by 10%, you get **149.9920, 51.7689, -131.5430**, and if you desaturate by 10%, it is **170.8120, 41.5047, -105.9521**.

Distribution



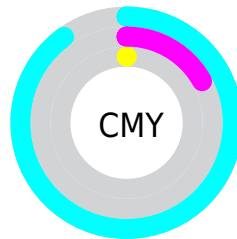
- Red (10%)
- Green (83%)
- Blue (100%)



- Red (10%)
- Yellow (50%)
- Blue (100%)



- Cyan (90%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)



- Cyan (90%)
- Magenta (17%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 160.4020, 46.6368, -118.7476 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 160.4020, 46.6368, -118.7476 by changing the saturation by 10% instead.

■ 160.4020, 46.6368,
-118.7476

■ 160.4020, 46.6368,
-118.7476

■ 255.0000, 0.0000,
0.0000

■ 133.1850, 45.7578,
-116.8032

■ 214.6350, 19.8999,
-82.9949

■ 114.1440, 41.3410,
-100.1043

■ 224.8010, 14.8881,
-62.0925

■ 95.8040, 37.0716,
-84.0201

■ 234.6680, 10.0237,
-41.8048

■ 78.0510, 32.5129,
-68.4507

■ 244.2360, 5.3067,
-22.1320

■ 60.4120, 28.3909,
-52.9813

■ 253.8040, 0.5896,
-2.4591

■ 44.0610, 24.1269,
-38.6415

■ 28.9980, 19.7210,

-25.4312

■ 7.7060, 19.3719,
-6.7582

■ 3.4370, 10.6306,
-3.0142

■ 160.4020, 46.6368,
-118.7476

■ 160.4020, 46.6368,
-118.7476

■ 149.9920, 51.7689,
-131.5430

■ 170.8120, 41.5047,
-105.9521

■ 181.5210, 36.2251,
-92.5419

■ 191.9310, 31.0930,
-79.7465

■ 202.6400, 25.8135,
-66.3363

■ 212.4630, 20.9707,
-53.0261

■ 223.1720, 15.6912,
-39.6158

■ 233.5820, 10.5591,
-26.8204

■ 244.2910, 5.2795,
-13.4102

254.7010, 0.1474,
-0.6148

Harmonies

Analogous

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



155.2860, 32.3970, -124.7848



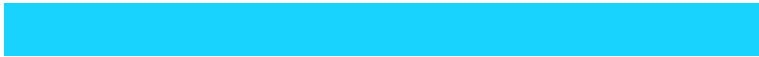
160.4020, 46.6368, -118.7476



181.4310, 36.2695, -60.0140

Triad

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



160.4020, 46.6368, -118.7476



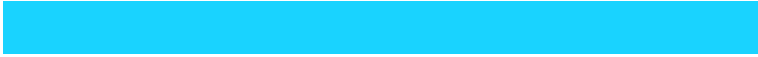
196.2250, 5.8051, 51.5457



188.2600, -34.6382, 3.2800

Complementary

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



160.4020, 46.6368, -118.7476



119.5980, -46.6368, 118.7476

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.



192.5350, -38.2248, 33.7338



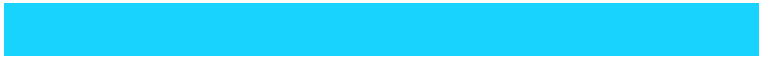
160.4020, 46.6368, -118.7476



191.6650, -11.6668, 55.5448

Square

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



160.4020, 46.6368, -118.7476



199.7350, 22.3156, 29.1734



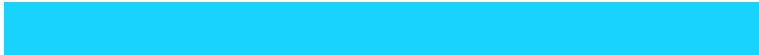
193.6590, -29.4119, 53.7961



183.1120, -20.2682, -32.5472

Rectangle

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



160.4020, 46.6368, -118.7476



190.2010, 31.9459, -26.4863



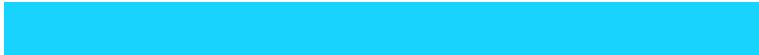
193.6590, -29.4119, 53.7961



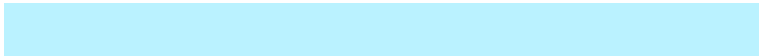
189.6420, -37.2915, 14.3460

Sweetspot

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



160.4020, 46.6368, -118.7476



226.7380, 13.9332, -35.7272



164.7980, -48.2144, -122.6028



111.0450, 8.3588, -21.0875



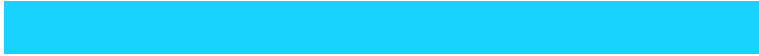
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



160.4020, 46.6368, -118.7476



149.9920, 51.7689, -131.5430



94.0710, 79.3380, -60.5753



122.3520, 2.7845, -6.4477



112.7590, 38.5728, -98.8896



37.8200, 12.9067, -33.1681

Inverse Universe

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



114.9740, 47.3408, 122.8028



99.7290, 52.3916, 136.1727



185.9290, -79.3380, 60.5753



120.0270, 2.4517, 6.9923



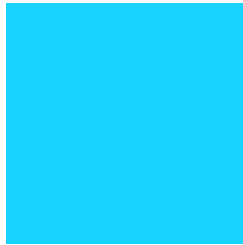
74.7790, 39.5490, 101.9258



25.0640, 13.2794, 34.1469

Previews

White Background



This preview shows how the YUV color 160.4020, 46.6368, -118.7476 looks on a white background.

Color Contrast Check

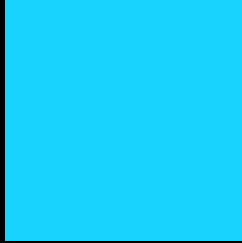
Large Text (above 18pt) WCAG AA × Fail

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 160.4020, 46.6368, -118.7476 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 160.4020, 46.6368, -118.7476 Background



This preview shows how black text looks on a background with the YUV color 160.4020, 46.6368, -118.7476.

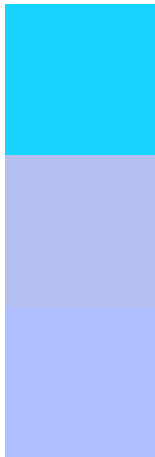


This preview shows how white text looks on a background with the YUV color 160.4020, 46.6368, -118.7476.

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

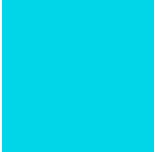
160.4020, 46.6368, -118.7476

Protanopia

193.5960, 22.8772, -11.0467

Deuteranopia

192.9250, 30.6030, -15.7202



Tritanopia

151.9520, 38.9707, -133.2619

Trichromacy



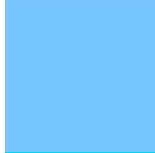
Original Color

160.4020, 46.6368, -118.7476



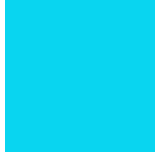
Protanomaly

181.2320, 31.4376, -50.1925



Deuteranomaly

181.1760, 36.3952, -53.6514



Tritanomaly

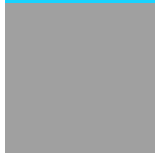
155.0820, 41.8646, -128.1139

Monochromacy



Original Color

160.4020, 46.6368, -118.7476



Achromatopsia

160.0000, 0.0000, 0.0000



Achromatomaly

160.4920, 17.0124, -43.4045

CSS Examples

Text

The CSS property to change the color of the text to YUV 160.4020, 46.6368, -118.7476 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(25, 211, 255)` looks like.

```
.text, #text, p{  
    color:rgb(25, 211, 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(25, 211, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 211, 255) }
```

Border

The CSS property to change the border of an element to YUV 160.4020, 46.6368, -118.7476 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(25, 211, 255) }
```


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

```
.border{ border-color:rgb(25, 211, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 211, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 211, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 211, 255);  
box-shadow:4px 4px 4px 4px rgb(25, 211,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 160.4020, 46.6368, -118.7476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 211, 255) }
```

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

```
.background{ background-color: rgb(25, 211,  
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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