

Converting Colors

YUV(160.0000, 46.3420,
-117.5180)

Have a look what the booklet for
YUV(160.0000, 46.3420, -117.5180)
contains.

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Color

**YUV(160.0000, 46.3420,
-117.5180)**

Conversions

Conversions Part 1

Format	Color
Hex	1AD2FE
RGB	26, 210, 254
RGB Percent	10%, 82%, 100%
CMY	0.8980, 0.1765, 0.0039
CMYK	0.90, 0.17, 0.00, 0.00
HSL	192°, 99%, 55%
HSV	192°, 90%, 100%
XYZ	41.3620, 53.4686, 101.9064
YIQ	160.0000, -123.7880, -25.3240

Conversions

Conversions Part 2

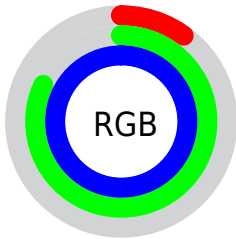
Format	Color
RYB	26, 128, 254
Decimal	1757950
CIELab	78.15, -26.92, -33.30
CIELCh	78, 42.826, 231.049
Yxy	53.4686, 0.2102, 0.2718
Android (android.graphics.Color)	4279948030 (0xFF1AD2FE)
YUV	160.0000, 46.3420, -117.5180
Hunter-Lab	73.1222, -26.9943, -31.4437

Details

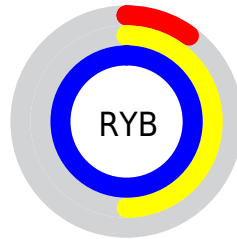
The YUV color **160.0000, 46.3420, -117.5180** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **120.0000, -46.3420, 117.5180**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.6350, 19.8999, -82.9949**, and **113.4430, 41.1936, -99.4895** is the 20% darker color. If you saturate the color by 10%, you get **149.5900, 51.4741, -130.3134**, and if you desaturate by 10%, it is **170.4100, 41.2099, -104.7226**.

Distribution



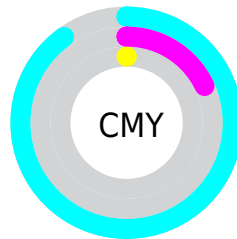
- Red (10%)
- Green (82%)
- Blue (100%)



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



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



- Cyan (90%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 160.0000, 46.3420, -117.5180 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 160.0000, 46.3420, -117.5180 by changing the saturation by 10% instead.

160.0000, 46.3420,
-117.5180

160.0000, 46.3420,
-117.5180

255.0000, 0.0000,
0.0000

132.4840, 45.6104,
-116.1885

214.6350, 19.8999,
-82.9949

113.4430, 41.1936,
-99.4895

224.8010, 14.8881,
-62.0925

95.1030, 36.9242,
-83.4053

234.6680, 10.0237,
-41.8048

77.3500, 32.3655,
-67.8359

244.2360, 5.3067,
-22.1320

59.7110, 28.2435,
-52.3665

253.8040, 0.5896,
-2.4591

43.3600, 23.9795,
-38.0267

28.9980, 19.7210,

-25.4312

■ 7.5920, 18.9351,
-6.6582

■ 3.4370, 10.6306,
-3.0142

■ 160.0000, 46.3420,
-117.5180

■ 160.0000, 46.3420,
-117.5180

■ 149.5900, 51.4741,
-130.3134

■ 170.4100, 41.2099,
-104.7226

■ 149.2910, 51.6215,
-130.9282

■ 181.1190, 35.9303,
-91.3124

■ 191.5290, 30.7982,
-78.5169

■ 202.2380, 25.5187,
-65.1067

■ 212.6480, 20.3865,
-52.3113

■ 222.4710, 15.5438,
-39.0011

■ 233.1800, 10.2643,
-25.5909

■ 243.5900, 5.1321,
-12.7954

254.2990, -0.1474,
0.6148

Harmonies

Analogous

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



154.5850, 32.2496, -124.1700



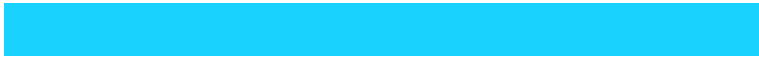
160.0000, 46.3420, -117.5180



180.8440, 36.5589, -59.4992

Triad

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



160.0000, 46.3420, -117.5180



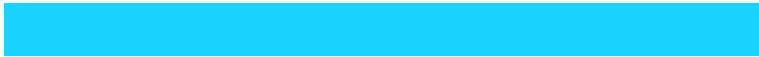
195.5240, 5.6577, 52.1605



187.9610, -34.4908, 2.6652

Complementary

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



160.0000, 46.3420, -117.5180



120.0000, -46.3420, 117.5180

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.



191.5350, -38.2248, 33.7338



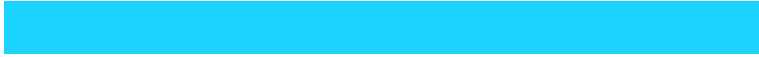
160.0000, 46.3420, -117.5180



190.9640, -11.8143, 56.1596

Square

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



160.0000, 46.3420, -117.5180



198.7350, 22.3156, 29.1734



192.9580, -29.5593, 54.4108



182.2260, -19.8314, -32.6472

Rectangle

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



160.0000, 46.3420, -117.5180



189.3150, 32.3827, -26.5863



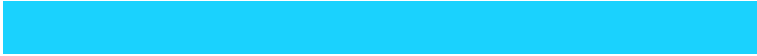
192.9580, -29.5593, 54.4108



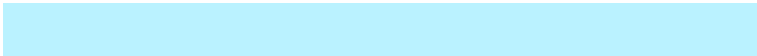
189.3430, -37.1441, 13.7312

Sweetspot

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



160.0000, 46.3420, -117.5180



226.7380, 13.9332, -35.7272



164.6240, -47.6356, -121.5732



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.



160.0000, 46.3420, -117.5180



149.9920, 51.7689, -131.5430



94.2560, 78.7538, -59.8605



122.3520, 2.7845, -6.4477



112.1720, 38.8622, -98.3748



37.2330, 13.1961, -32.6533

Inverse Universe

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



115.1480, 46.7620, 121.7732



99.7290, 52.3916, 136.1727



185.7440, -78.7538, 59.8605



120.0270, 2.4517, 6.9923



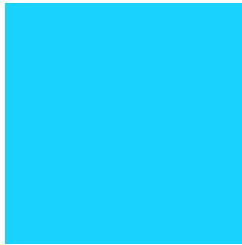
74.6650, 39.1122, 102.0258



24.9500, 12.8427, 34.2468

Previews

White Background



This preview shows how the YUV color 160.0000, 46.3420, -117.5180 looks on a white background.

Color Contrast Check

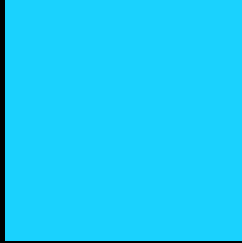
Large Text (above 18pt) WCAG AA × Fail

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 160.0000, 46.3420, -117.5180 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 160.0000, 46.3420, -117.5180 Background



This preview shows how black text looks on a background with the YUV color 160.0000, 46.3420, -117.5180.

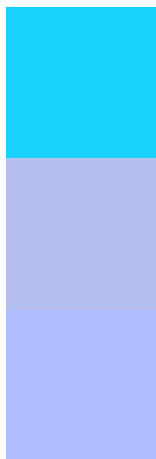


This preview shows how white text looks on a background with the YUV color 160.0000, 46.3420, -117.5180.

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

160.0000, 46.3420, -117.5180

Protanopia

192.5960, 22.8772, -11.0467

Deuteranopia

192.0390, 31.0398, -15.8202



Tritanopia

151.2510, 38.8233, -132.6471

Trichromacy



Original Color

160.0000, 46.3420, -117.5180



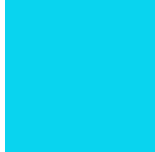
Protanomaly

180.5310, 31.2902, -49.5777



Deuteranomaly

180.5890, 36.6846, -53.1366



Tritanomaly

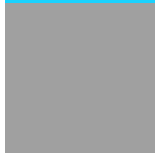
154.3810, 41.7172, -127.4991

Monochromacy



Original Color

160.0000, 46.3420, -117.5180



Achromatopsia

160.0000, 0.0000, 0.0000



Achromatomaly

159.7910, 16.8650, -42.7897

CSS Examples

Text

The CSS property to change the color of the text to YUV 160.0000, 46.3420, -117.5180 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(26, 210, 254)` looks like.

```
.text, #text, p{  
    color:rgb(26, 210, 254)  
}
```

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(26, 210, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 210, 254) }
```

Border

The CSS property to change the border of an element to YUV 160.0000, 46.3420, -117.5180 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(26, 210, 254) }
```


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

```
.border{ border-color:rgb(26, 210, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 210, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 210, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 210, 254);  
box-shadow:4px 4px 4px 4px rgb(26, 210,  
254) }
```

Background

The CSS property to change the background color of an element to YUV 160.0000, 46.3420, -117.5180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 210, 254) }
```

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

```
.background{ background-color: rgb(26, 210,  
254) }
```

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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