

# Converting Colors

YUV(149.5120, 43.1316,  
-114.4590)

Have a look what the booklet for  
YUV(149.5120, 43.1316, -114.4590)  
contains.

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# Color

**YUV(149.5120, 43.1316,  
-114.4590)**

# Conversions

## Conversions Part 1

Format	Color
Hex	13C7ED
RGB	19, 199, 237
RGB Percent	7%, 78%, 93%
CMY	0.9255, 0.2196, 0.0706
CMYK	0.92, 0.16, 0.00, 0.07
HSL	190°, 86%, 50%
HSV	190°, 92%, 93%
XYZ	35.9780, 47.0997, 87.3157
YIQ	149.5120, -119.4780, -26.3420

# Conversions

## Conversions Part 2

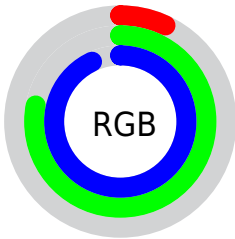
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	19, 118, 237
Decimal	1296365
CIE <sub>Lab</sub>	74.25, -27.33, -30.20
CIE <sub>LCh</sub>	74, 40.735, 227.854
Yxy	47.0997, 0.2111, 0.2764
Android (android.graphics.Color)	4279486445 (0xFF13C7ED)
YUV	149.5120, 43.1316, -114.4590
Hunter-Lab	68.6292, -26.5247, -27.3931

# Details

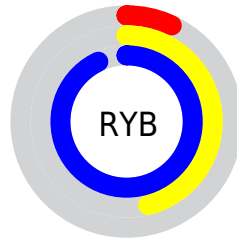
The YUV color **149.5120, 43.1316, -114.4590** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **106.4880, -43.1316, 114.4590**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.8410, 20.7844, -86.6836**, and **105.7490, 37.0987, -92.7419** is the 20% darker color. If you saturate the color by 10%, you get **142.0700, 46.8005, -124.5954**, and if you desaturate by 10%, it is **159.0360, 38.4363, -101.7636**.

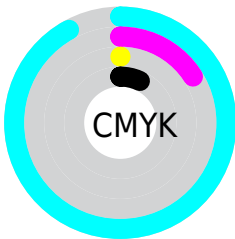
# Distribution



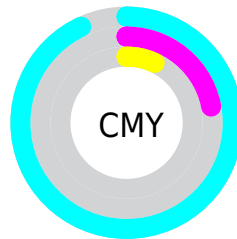
- Red (7%)
- Green (78%)
- Blue (93%)



- Red (7%)
- Yellow (46%)
- Blue (93%)



- Cyan (92%)
- Magenta (16%)
- Yellow (0%)
- Black (7%)



- Cyan (93%)
- Magenta (22%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 149.5120, 43.1316, -114.4590 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 149.5120, 43.1316, -114.4590 by changing the saturation by 10% instead.



■ 149.5120, 43.1316,  
-114.4590

■ 149.5120, 43.1316,  
-114.4590

■ 255.0000, 0.0000,  
0.0000

■ 124.7900, 41.5155,  
-109.4408

■ 212.8410, 20.7844,  
-86.6836

■ 105.7490, 37.0987,  
-92.7419

■ 223.0070, 15.7725,  
-65.7811

■ 87.4090, 32.8294,  
-76.6577

■ 232.5750, 11.0555,  
-46.1083

■ 69.7700, 28.7074,  
-61.1883

■ 242.1430, 6.3385,  
-26.4354

■ 52.8320, 24.7328,  
-46.3337

■ 251.4120, 1.7689,  
-7.3773

■ 36.5950, 20.9057,  
-32.0938

■ 21.5320, 16.4997,

-18.8836

■ 5.0500, 14.2723,  
-4.4289

■ 0.7980, 3.0576,  
-0.6998

■ 149.5120, 43.1316,  
-114.4590

■ 149.5120, 43.1316,  
-114.4590

■ 142.0700, 46.8005,  
-124.5954

■ 159.0360, 38.4363,  
-101.7636

■ 168.2610, 33.8883,  
-89.6829

■ 177.7850, 29.1930,  
-76.9874

■ 187.8960, 24.2083,  
-64.8068

■ 197.1210, 19.6603,  
-52.7261

■ 206.6450, 14.9650,  
-40.0307

■ 216.1690, 10.2697,  
-27.3352

■ 225.6930, 5.5744,  
-14.6398

■ 234.9180, 1.0264,  
-2.5591

# Harmonies

## Analogous

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



150.5010, 26.3750, -106.5564



149.5120, 43.1316, -114.4590



171.0870, 41.3691, -62.3433

# Triad

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



149.5120, 43.1316, -114.4590



187.2250, 5.8051, 51.5457



177.6240, -33.3386, 6.4688

# Complementary

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



149.5120, 43.1316, -114.4590



106.4880, -43.1316, 114.4590

# 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.



180.9310, -35.4620, 34.2635



149.5120, 43.1316, -114.4590



184.9970, -11.8305, 61.3926

# Square

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



149.5120, 43.1316, -114.4590



187.7020, 22.3319, 23.9403



183.3540, -26.7965, 54.9405



172.4440, -20.4319, -26.6994



# Rectangle

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



149.5120, 43.1316, -114.4590



179.5470, 37.1983, -31.1747



183.3540, -26.7965, 54.9405



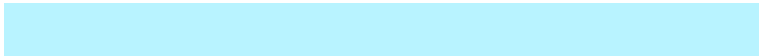
179.1090, -35.5497, 15.6904

# Sweetspot

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



149.5120, 43.1316, -114.4590



226.7270, 13.9386, -37.4716



151.0700, -47.3625, -115.8254



110.1480, 8.8010, -22.9318



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

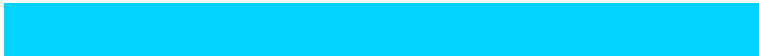


# Same Dimension

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



149.5120, 43.1316, -114.4590



152.9270, 50.3220, -134.1170



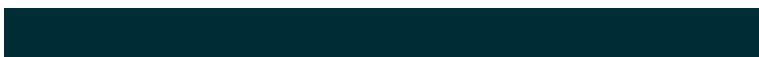
86.7030, 74.0964, -59.3755



112.5370, 2.2003, -5.7329



108.0970, 35.9412, -94.8011



31.9840, 10.8539, -28.0500



# Inverse Universe

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



104.7020, 46.4889, 116.0253



100.2990, 54.5756, 135.6728



169.2970, -74.0964, 59.3755



110.3150, 2.3097, 5.8627



71.1050, 38.4022, 96.3779

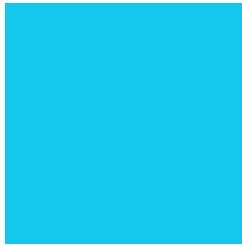


21.1620, 11.2591, 28.7989



# Previews

## White Background



This preview shows how the YUV color 149.5120, 43.1316, -114.4590 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

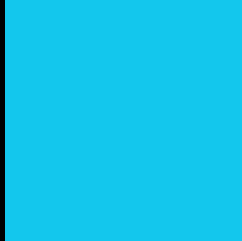
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 149.5120, 43.1316, -114.4590 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

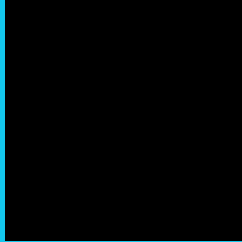
Any Text WCAG AA ✓ Pass

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 149.5120, 43.1316, -114.4590 Background



This preview shows how black text looks on a background with the YUV color 149.5120, 43.1316, -114.4590.



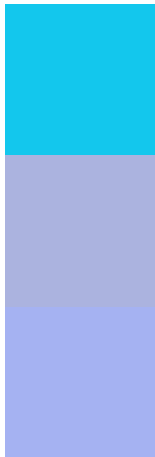
This preview shows how white text looks on a background with the YUV color 149.5120, 43.1316, -114.4590.



# 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

149.5120, 43.1316, -114.4590

### Protanopia

181.6240, 20.3984, -9.3172

### Deuteranopia

181.4090, 29.8714, -14.3907



## Tritanopia

142.7250, 36.6176, -125.1698

# Trichromacy



## Original Color

149.5120, 43.1316, -114.4590

## Protanomaly

169.8580, 28.6640, -47.2335

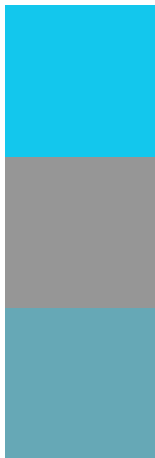
## Deuteranomaly

170.0300, 34.4952, -50.8923

## Tritanomaly

145.0290, 38.9327, -121.0514

# Monochromacy



## Original Color

149.5120, 43.1316, -114.4590

## Achromatopsia

150.0000, 0.0000, 0.0000

## Achromatomaly

149.8620, 15.8440, -41.9750

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 149.5120, 43.1316, -114.4590 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(19, 199, 237)` looks like.

```
.text, #text, p{  
    color:rgb(19, 199, 237)  
}
```

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(19, 199, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 199, 237) }
```

## Border

The CSS property to change the border of an element to YUV 149.5120, 43.1316, -114.4590 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(19, 199, 237) }
```



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

```
.border{ border-color:rgb(19, 199, 237) }
```

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

Here you see how a box with a 4 pixel rgb(19, 199, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 199, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 199, 237);  
box-shadow:4px 4px 4px 4px rgb(19, 199,  
237) }
```

# Background

The CSS property to change the background color of an element to YUV 149.5120, 43.1316, -114.4590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 199, 237) }
```

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

```
.background{ background-color: rgb(19, 199,  
237) }
```

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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