

Converting Colors

YUV(154.5100, 49.5416,
-117.0883)

Have a look what the booklet for
YUV(154.5100, 49.5416, -117.0883)
contains.

YUV(154.5100, 49.5416, -117.0883)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(154.5100, 49.5416,
-117.0883)**

Conversions

Conversions Part 1

Format	Color
Hex	15CBFF
RGB	21, 203, 255
RGB Percent	8%, 80%, 100%
CMY	0.9176, 0.2039, 0.0000
CMYK	0.92, 0.20, 0.00, 0.00
HSL	193°, 100%, 54%
HSV	193°, 92%, 100%
XYZ	39.7152, 50.0913, 102.1831
YIQ	154.5100, -125.1640, -22.4120

Conversions

Conversions Part 2

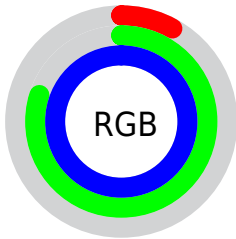
Format	Color
R_{YB}	21, 123, 255
Decimal	1428479
CIE _{Lab}	76.13, -23.29, -36.97
CIE _{LCh}	76, 43.697, 237.795
Yxy	50.0913, 0.2069, 0.2609
Android (android.graphics.Color)	4279618559 (0xFF15CBFF)
YUV	154.5100, 49.5416, -117.0883
Hunter-Lab	70.7752, -23.6921, -36.0585

Details

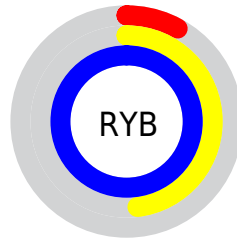
The YUV color **154.5100, 49.5416, -117.0883** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **121.4900, -49.5416, 117.0883**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.0370, 20.1948, -84.2244**, and **110.0350, 43.3667, -96.5007** is the 20% darker color. If you saturate the color by 10%, you get **145.2960, 54.0841, -127.4246**, and if you desaturate by 10%, it is **165.8060, 43.9726, -104.1929**.

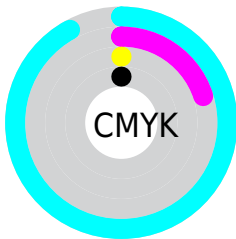
Distribution



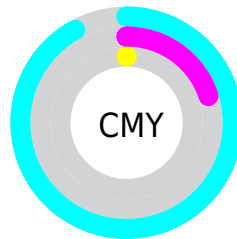
- Red (8%)
- Green (80%)
- Blue (100%)



- Red (8%)
- Yellow (48%)
- Blue (100%)



- Cyan (92%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (92%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.5100, 49.5416, -117.0883 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 154.5100, 49.5416, -117.0883 by changing the saturation by 10% instead.

154.5100, 49.5416,
-117.0883

154.5100, 49.5416,
-117.0883

255.0000, 0.0000,
0.0000

128.4890, 48.0729,
-112.6849

214.0370, 20.1948,
-84.2244

110.0350, 43.3667,
-96.5007

224.2030, 15.1829,
-63.3220

91.6950, 39.0974,
-80.4165

234.0700, 10.3185,
-43.0344

73.9420, 34.5386,
-64.8471

243.6380, 5.6015,
-23.3615

56.8900, 30.1272,
-49.8925

253.2060, 0.8844,
-3.6887

40.5390, 25.8633,
-35.5527

26.6500, 20.8786,

-23.3720

■ 7.7060, 19.3719,
-6.7582

■ 3.4370, 10.6306,
-3.0142

■ 154.5100, 49.5416,
-117.0883

■ 154.5100, 49.5416,
-117.0883

■ 145.2960, 54.0841,
-127.4246

■ 165.8060, 43.9726,
-104.1929

■ 176.2160, 38.8405,
-91.3974

■ 187.5120, 33.2716,
-78.5020

■ 198.5090, 27.8501,
-66.2214

■ 208.9190, 22.7179,
-53.4260

■ 220.2150, 17.1490,
-40.5306

■ 231.5110, 11.5801,
-27.6351

■ 241.9210, 6.4479,
-14.8397

■ 253.2170, 0.8790,
-1.9443

Harmonies

Analogous

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



147.6320, 37.6494, -129.4733



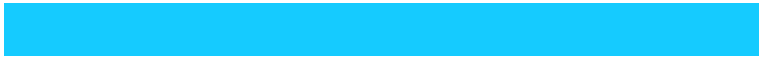
154.5100, 49.5416, -117.0883



178.5400, 37.6948, -50.4626

Triad

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



154.5100, 49.5416, -117.0883



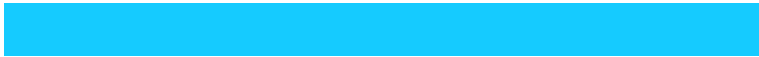
189.7050, 1.1314, 57.2637



181.0740, -32.5745, -5.3269

Complementary

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



154.5100, 49.5416, -117.0883



121.4900, -49.5416, 117.0883

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.



184.6760, -38.7873, 27.4711



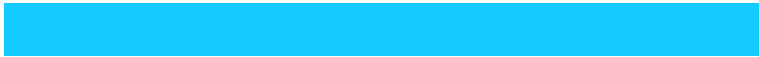
154.5100, 49.5416, -117.0883



186.9060, -17.2087, 59.7184

Square

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



154.5100, 49.5416, -117.0883



193.1660, 18.6522, 37.5654



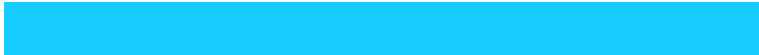
187.7360, -32.9008, 52.8515



174.6100, -15.5837, -41.7540

Rectangle

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



154.5100, 49.5416, -117.0883



186.4240, 33.8080, -17.0348



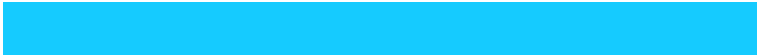
187.7360, -32.9008, 52.8515



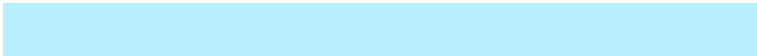
182.5270, -36.2488, 6.5538

Sweetspot

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



154.5100, 49.5416, -117.0883



224.3790, 15.0962, -35.4124



164.1720, -45.4408, -125.5618



108.9740, 9.3798, -21.9022



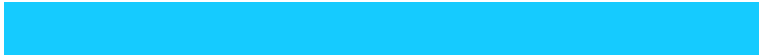
0.0000, 0.0000, 0.0000



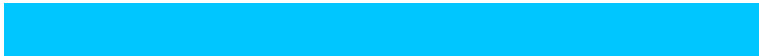
128.0000, 0.0000, 0.0000

Same Dimension

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



154.5100, 49.5416, -117.0883



145.2960, 54.0841, -127.4246



86.4180, 83.1109, -57.3716



122.3520, 2.7845, -6.4477



109.2370, 40.3092, -95.8008



36.6460, 13.4855, -32.1385

Inverse Universe

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



111.7140, 45.0040, 125.6618



98.8170, 48.8972, 136.9725



189.5820, -83.1109, 57.3716



120.0270, 2.4517, 6.9923



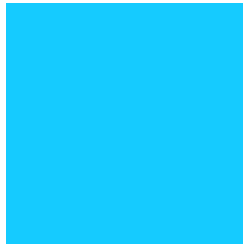
74.0950, 36.9282, 102.5257



24.8360, 12.4059, 34.3468

Previews

White Background



This preview shows how the YUV color 154.5100, 49.5416, -117.0883 looks on a white background.

Color Contrast Check

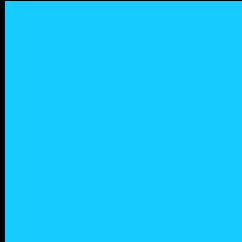
Large Text (above 18pt) WCAG AA × Fail

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 154.5100, 49.5416, -117.0883 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 154.5100, 49.5416, -117.0883 Background



This preview shows how black text looks on a background with the YUV color 154.5100, 49.5416, -117.0883.



This preview shows how white text looks on a background with the YUV color 154.5100, 49.5416, -117.0883.

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

154.5100, 49.5416, -117.0883

Protanopia

186.6110, 26.8138, -13.6908

Deuteranopia

185.8150, 34.1082, -20.0088



Tritanopia

146.9310, 37.5020, -128.8585

Trichromacy



Original Color

154.5100, 49.5416, -117.0883

Protanomaly

174.8450, 35.0794, -51.6071

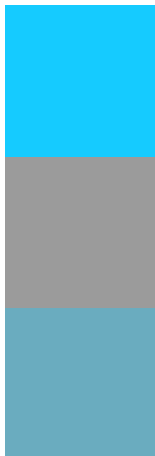
Deuteranomaly

174.3760, 39.7476, -55.5808

Tritanomaly

150.1040, 41.8537, -124.6252

Monochromacy



Original Color

154.5100, 49.5416, -117.0883

Achromatopsia

155.0000, 0.0000, 0.0000

Achromatomaly

154.4320, 18.0280, -42.4749

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.5100, 49.5416, -117.0883 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(21, 203, 255)` looks like.

```
.text, #text, p{  
    color:rgb(21, 203, 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(21, 203, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 203, 255) }
```

Border

The CSS property to change the border of an element to YUV 154.5100, 49.5416, -117.0883 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(21, 203, 255) }
```


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

```
.border{ border-color:rgb(21, 203, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 203, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 203, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 203, 255);  
box-shadow:4px 4px 4px 4px rgb(21, 203,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 154.5100, 49.5416, -117.0883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 203, 255) }
```

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

```
.background{ background-color: rgb(21, 203,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor