

Converting Colors

YUV(154.3370, 45.1899,
-121.3215)

Have a look what the booklet for
YUV(154.3370, 45.1899, -121.3215)
contains.

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Color

**YUV(154.3370, 45.1899,
-121.3215)**

Conversions

Conversions Part 1

Format	Color
Hex	10CFF6
RGB	16, 207, 246
RGB Percent	6%, 81%, 96%
CMY	0.9373, 0.1882, 0.0353
CMYK	0.93, 0.16, 0.00, 0.04
HSL	190°, 93%, 51%
HSV	190°, 93%, 96%
XYZ	39.1611, 51.3896, 95.0440
YIQ	154.3370, -126.3550, -28.3630

Conversions

Conversions Part 2

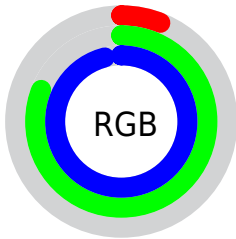
Format	Color
R _Y B	16, 120, 246
Decimal	1101814
CIE Lab	76.91, -28.44, -30.94
CIE LCh	77, 42.025, 227.416
Yxy	51.3896, 0.2110, 0.2769
Android (android.graphics.Color)	4279291894 (0xFF10CFF6)
YUV	154.3370, 45.1899, -121.3215
Hunter-Lab	71.6866, -27.9402, -28.4277

Details

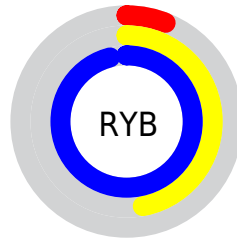
The YUV color **154.3370, 45.1899, -121.3215** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **107.6630, -45.1899, 121.3215**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.4390, 20.4896, -85.4540**, and **110.8840, 39.0042, -97.2453** is the 20% darker color. If you saturate the color by 10%, you get **147.7920, 48.4165, -129.6136**, and if you desaturate by 10%, it is **164.1600, 40.3471, -108.0113**.

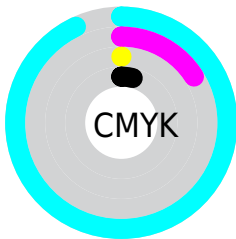
Distribution



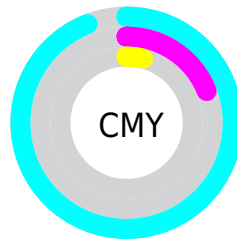
- Red (6%)
- Green (81%)
- Blue (96%)



- Red (6%)
- Yellow (47%)
- Blue (96%)



- Cyan (93%)
- Magenta (16%)
- Yellow (0%)
- Black (4%)



- Cyan (94%)
- Magenta (19%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.3370, 45.1899, -121.3215 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 154.3370, 45.1899, -121.3215 by changing the saturation by 10% instead.

154.3370, 45.1899,
-121.3215

154.3370, 45.1899,
-121.3215

255.0000, 0.0000,
0.0000

129.8110, 42.9842,
-113.8442

213.4390, 20.4896,
-85.4540

110.8840, 39.0042,
-97.2453

223.6050, 15.4777,
-64.5516

92.4300, 34.2980,
-81.0611

233.1730, 10.7607,
-44.8787

74.7910, 30.1760,
-65.5917

243.0400, 5.8963,
-24.5911

57.8530, 26.2015,
-50.7371

252.3090, 1.3267,
-5.5330

40.9150, 22.2269,
-35.8825

27.0260, 17.2422,

-23.7018

■ 6.3210, 16.6037,
-5.5435

■ 2.6390, 7.5730,
-2.3144

■ 154.3370, 45.1899,
-121.3215

■ 154.3370, 45.1899,
-121.3215

■ 147.7920, 48.4165,
-129.6136

■ 164.1600, 40.3471,
-108.0113

■ 173.6840, 35.6518,
-95.3159

■ 184.0940, 30.5197,
-82.5204

■ 193.6180, 25.8243,
-69.8250

■ 203.4410, 20.9816,
-56.5148

■ 213.2640, 16.1388,
-43.2045

■ 222.7880, 11.4435,
-30.5091

■ 232.6110, 6.6008,
-17.1988

■ 242.7220, 1.6161,
-5.0182

Harmonies

Analogous

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



157.2940, 26.9701, -110.7598



154.3370, 45.1899, -121.3215



176.3810, 38.7592, -65.2321

Triad

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



154.3370, 45.1899, -121.3215



194.4640, 6.6732, 53.0901



185.1680, -35.0858, 6.8687

Complementary

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



154.3370, 45.1899, -121.3215



107.6630, -45.1899, 121.3215

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.



188.6000, -36.7778, 36.3078



154.3370, 45.1899, -121.3215



189.4310, -10.0725, 57.5040

Square

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



154.3370, 45.1899, -121.3215



195.0440, 23.6423, 23.6404



190.7240, -27.9649, 56.3701



179.8030, -21.5949, -27.0142

Rectangle

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



154.3370, 45.1899, -121.3215



185.1510, 34.4356, -31.7044



190.7240, -27.9649, 56.3701



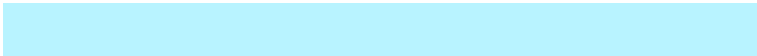
186.4790, -36.7181, 17.1199

Sweetspot

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



154.3370, 45.1899, -121.3215



226.7270, 13.9386, -37.4716



155.3420, -49.9616, -122.2029



110.1480, 8.8010, -22.9318



0.0000, 0.0000, 0.0000



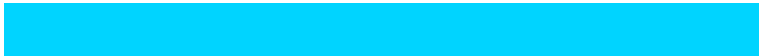
128.0000, 0.0000, 0.0000

Same Dimension

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



154.3370, 45.1899, -121.3215



153.5140, 50.0326, -134.6318



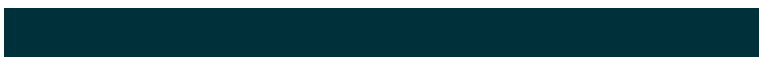
87.4190, 78.1804, -62.6345



117.2380, 2.3477, -6.3477



112.1890, 36.3888, -98.3898



35.4890, 11.5909, -31.1239

Inverse Universe

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



106.5440, 49.5248, 122.3029



100.4130, 55.0124, 135.5728



174.5810, -78.1804, 62.6345



114.7280, 2.5991, 6.3775



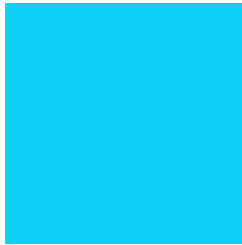
73.2840, 40.2860, 98.8519



23.2270, 12.7061, 31.3729

Previews

White Background



This preview shows how the YUV color 154.3370, 45.1899, -121.3215 looks on a white background.

Color Contrast Check

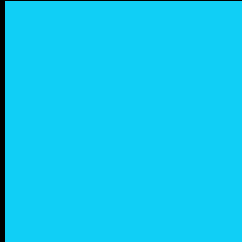
Large Text (above 18pt) WCAG AA × Fail

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 154.3370, 45.1899, -121.3215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

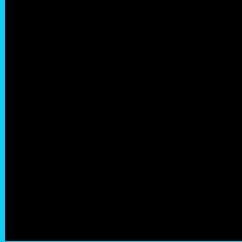
Any Text WCAG AA ✓ Pass

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 154.3370, 45.1899, -121.3215 Background



This preview shows how black text looks on a background with the YUV color 154.3370, 45.1899, -121.3215.



This preview shows how white text looks on a background with the YUV color 154.3370, 45.1899, -121.3215.

-121.3215.

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

154.3370, 45.1899, -121.3215

Protanopia

188.7380, 20.8352, -9.4172

Deuteranopia

188.6370, 30.7450, -14.5906



Tritanopia

148.4470, 38.2336, -130.1880

Trichromacy



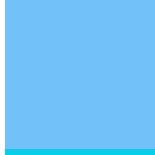
Original Color

154.3370, 45.1899, -121.3215



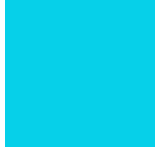
Protanomaly

176.3630, 29.4010, -50.3074



Deuteranomaly

176.0620, 35.9584, -53.5514



Tritanomaly

150.4520, 40.6962, -126.6844

Monochromacy



Original Color

154.3370, 45.1899, -121.3215



Achromatopsia

154.0000, 0.0000, 0.0000



Achromatomaly

153.9650, 16.2863, -43.8193

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.3370, 45.1899, -121.3215 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(16, 207, 246)` looks like.

```
.text, #text, p{  
    color:rgb(16, 207, 246)  
}
```

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(16, 207, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 207, 246) }
```

Border

The CSS property to change the border of an element to YUV 154.3370, 45.1899, -121.3215 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(16, 207, 246) }
```


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

```
.border{ border-color:rgb(16, 207, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(16, 207, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 207, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 207, 246);  
box-shadow:4px 4px 4px 4px rgb(16, 207,  
246) }
```

Background

The CSS property to change the background color of an element to YUV 154.3370, 45.1899, -121.3215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 207, 246) }
```

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

```
.background{ background-color: rgb(16, 207,  
246) }
```

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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