

Converting Colors

YUV(150.0820, 45.3156,
-114.9589)

Have a look what the booklet for
YUV(150.0820, 45.3156, -114.9589)
contains.

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Color

**YUV(150.0820, 45.3156,
-114.9589)**

Conversions

Conversions Part 1

Format	Color
Hex	13C7F2
RGB	19, 199, 242
RGB Percent	7%, 78%, 95%
CMY	0.9255, 0.2196, 0.0510
CMYK	0.92, 0.18, 0.00, 0.05
HSL	192°, 90%, 51%
HSV	192°, 92%, 95%
XYZ	36.7190, 47.3961, 91.2175
YIQ	150.0820, -121.0830, -24.7870

Conversions

Conversions Part 2

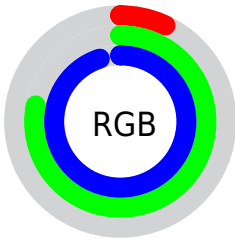
Format	Color
R _Y B	19, 119, 242
Decimal	1296370
CIE Lab	74.44, -25.68, -32.60
CIE LCh	74, 41.504, 231.773
Yxy	47.3961, 0.2094, 0.2703
Android (android.graphics.Color)	4279486450 (0xFF13C7F2)
YUV	150.0820, 45.3156, -114.9589
Hunter-Lab	68.8448, -25.2739, -30.3662

Details

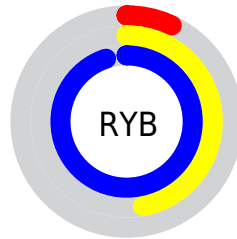
The YUV color **150.0820, 45.3156, -114.9589** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **110.9180, -45.3156, 114.9589**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.1400, 20.6370, -86.0688**, and **106.3190, 39.2827, -93.2418** is the 20% darker color. If you saturate the color by 10%, you get **142.0530, 49.2739, -124.5805**, and if you desaturate by 10%, it is **160.1930, 40.3309, -102.7783**.

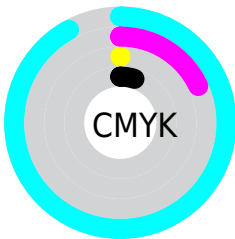
Distribution



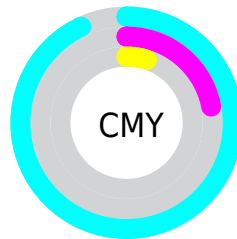
- Red (7%)
- Green (78%)
- Blue (95%)



- Red (7%)
- Yellow (47%)
- Blue (95%)



- Cyan (92%)
- Magenta (18%)
- Yellow (0%)
- Black (5%)



- Cyan (93%)
- Magenta (22%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.0820, 45.3156, -114.9589 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 150.0820, 45.3156, -114.9589 by changing the saturation by 10% instead.

150.0820, 45.3156,
-114.9589

150.0820, 45.3156,
-114.9589

255.0000, 0.0000,
0.0000

125.3600, 43.6995,
-109.9407

213.1400, 20.6370,
-86.0688

106.3190, 39.2827,
-93.2418

223.3060, 15.6251,
-65.1664

87.9790, 35.0134,
-77.1576

232.8740, 10.9081,
-45.4935

70.2260, 30.4546,
-61.5882

242.4420, 6.1911,
-25.8206

53.2880, 26.4800,
-46.7336

252.0100, 1.4741,
-6.1478

37.0510, 22.6529,
-32.4937

22.5750, 17.9575,

-19.7983

■ 5.3920, 15.5827,
-4.7288

■ 2.1830, 5.8258,
-1.9145

■ 150.0820, 45.3156,
-114.9589

■ 150.0820, 45.3156,
-114.9589

■ 142.0530, 49.2739,
-124.5805

■ 160.1930, 40.3309,
-102.7783

■ 169.7170, 35.6355,
-90.0828

■ 180.1270, 30.5034,
-77.2874

■ 190.2380, 25.5187,
-65.1067

■ 199.7620, 20.8233,
-52.4113

■ 209.8730, 15.8386,
-40.2306

■ 219.9840, 10.8539,
-28.0500

■ 229.8070, 6.0111,
-14.7397

■ 239.9180, 1.0264,
-2.5591

Harmonies

Analogous

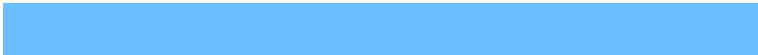
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



143.1010, 32.9812, -125.4996



150.0820, 45.3156, -114.9589



172.5930, 40.6267, -57.5251

Triad

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



150.0820, 45.3156, -114.9589



187.3780, 3.7576, 54.9195



177.4170, -32.7436, 2.2653

Complementary

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



150.0820, 45.3156, -114.9589



110.9180, -45.3156, 114.9589

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.



180.9800, -36.4721, 31.5895



150.0820, 45.3156, -114.9589



185.1280, -13.8671, 61.2777

Square

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



150.0820, 45.3156, -114.9589



188.0940, 21.1527, 28.8586



183.7730, -28.9751, 53.6961



172.2800, -18.3790, -31.8176

Rectangle

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



150.0820, 45.3156, -114.9589



181.3520, 36.3085, -25.7417



183.7730, -28.9751, 53.6961



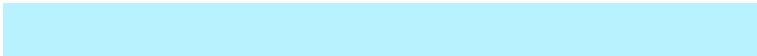
179.0870, -35.5389, 12.2017

Sweetspot

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



150.0820, 45.3156, -114.9589



225.5530, 14.5174, -36.4420



154.5750, -46.6255, -118.8993



109.5610, 9.0904, -22.4170



0.0000, 0.0000, 0.0000



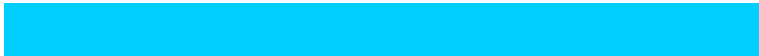
128.0000, 0.0000, 0.0000

Same Dimension

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



150.0820, 45.3156, -114.9589



149.9920, 51.7689, -131.5430



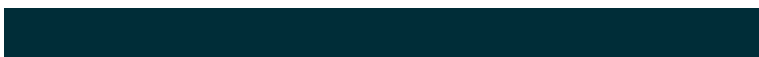
86.0990, 76.8592, -58.8458



115.2380, 2.3477, -6.3477



107.8520, 37.5410, -94.5862



32.7990, 11.4381, -28.7647

Inverse Universe

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



106.1970, 45.7519, 119.0992



99.7290, 52.3916, 136.1727



174.9010, -76.8592, 58.8458



112.7280, 2.5991, 6.3775



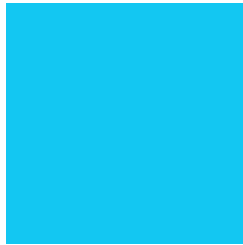
71.8880, 37.5232, 98.3222



21.8740, 11.4011, 29.9285

Previews

White Background



This preview shows how the YUV color 150.0820, 45.3156, -114.9589 looks on a white background.

Color Contrast Check

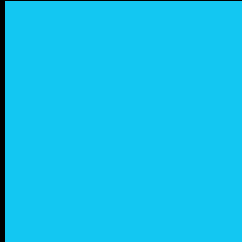
Large Text (above 18pt) WCAG AA × Fail

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 150.0820, 45.3156, -114.9589 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

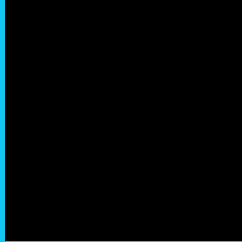
Any Text WCAG AA ✓ Pass

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 150.0820, 45.3156, -114.9589 Background



This preview shows how black text looks on a background with the YUV color 150.0820, 45.3156, -114.9589.

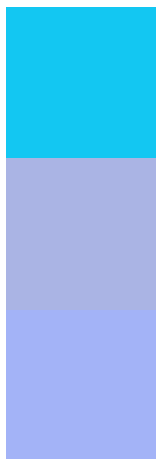


This preview shows how white text looks on a background with the YUV color 150.0820, 45.3156, -114.9589.

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

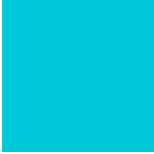
150.0820, 45.3156, -114.9589

Protanopia

182.4820, 22.4404, -10.9467

Deuteranopia

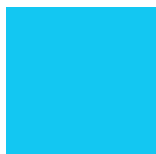
181.9680, 32.0608, -16.6349



Tritanopia

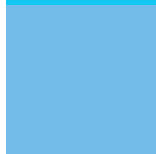
143.4260, 36.7650, -125.7846

Trichromacy



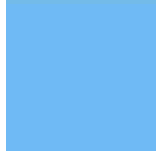
Original Color

150.0820, 45.3156, -114.9589



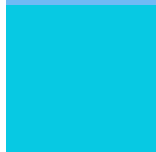
Protanomaly

170.7160, 30.7060, -48.8629



Deuteranomaly

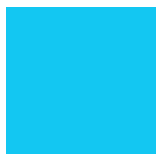
170.3010, 36.8266, -52.0070



Tritanomaly

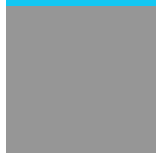
145.9580, 39.9537, -121.8662

Monochromacy



Original Color

150.0820, 45.3156, -114.9589



Achromatopsia

150.0000, 0.0000, 0.0000



Achromatomaly

149.9760, 16.2808, -42.0750

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.0820, 45.3156, -114.9589 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, 242)` looks like.

```
.text, #text, p{  
    color:rgb(19, 199, 242)  
}
```

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, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 199, 242) }
```

Border

The CSS property to change the border of an element to YUV 150.0820, 45.3156, -114.9589 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, 242) }
```


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

```
.border{ border-color:rgb(19, 199, 242) }
```

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, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 199, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 199, 242);  
box-shadow:4px 4px 4px 4px rgb(19, 199,  
242) }
```

Background

The CSS property to change the background color of an element to YUV 150.0820, 45.3156, -114.9589 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, 242) }
```

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

```
.background{ background-color: rgb(19, 199,  
242) }
```

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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