

# Converting Colors

YUV(150.7830, 45.4630,  
-115.5737)

Have a look what the booklet for  
YUV(150.7830, 45.4630, -115.5737)  
contains.

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# Color

**YUV(150.7830, 45.4630,  
-115.5737)**

# Conversions

## Conversions Part 1

Format	Color
Hex	13C8F3
RGB	19, 200, 243
RGB Percent	7%, 78%, 95%
CMY	0.9255, 0.2157, 0.0471
CMYK	0.92, 0.18, 0.00, 0.05
HSL	192°, 90%, 51%
HSV	192°, 92%, 95%
XYZ	37.1005, 47.9181, 92.0877
YIQ	150.7830, -121.6790, -24.9990

# Conversions

## Conversions Part 2

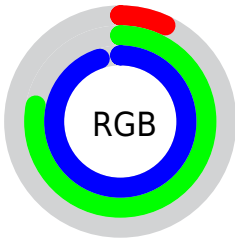
Format	Color
R <sub>Y</sub> B	19, 119, 243
Decimal	1296627
CIE Lab	74.77, -25.85, -32.63
CIE LCh	75, 41.631, 231.614
Yxy	47.9181, 0.2095, 0.2706
Android (android.graphics.Color)	4279486707 (0xFF13C8F3)
YUV	150.7830, 45.4630, -115.5737
Hunter-Lab	69.2229, -25.4717, -30.4179

# Details

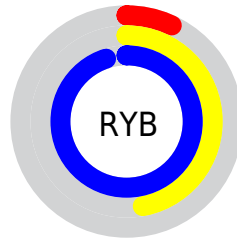
The YUV color **150.7830, 45.4630, -115.5737** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **111.2170, -45.4630, 115.5737**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.1400, 20.6370, -86.0688**, and **107.0200, 39.4301, -93.8565** is the 20% darker color. If you saturate the color by 10%, you get **142.7540, 49.4213, -125.1953**, and if you desaturate by 10%, it is **160.8940, 40.4783, -103.3930**.

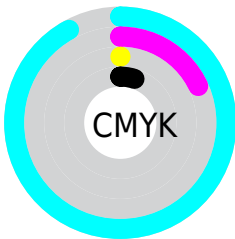
# Distribution



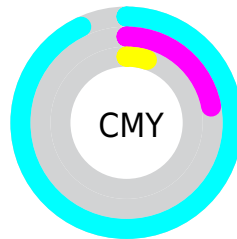
- Red (7%)
- Green (78%)
- Blue (95%)



- 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 150.7830, 45.4630, -115.5737 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 150.7830, 45.4630, -115.5737 by changing the saturation by 10% instead.



150.7830, 45.4630,  
-115.5737

150.7830, 45.4630,  
-115.5737

255.0000, 0.0000,  
0.0000

126.0610, 43.8469,  
-110.5555

213.1400, 20.6370,  
-86.0688

107.0200, 39.4301,  
-93.8565

223.3060, 15.6251,  
-65.1664

88.6800, 35.1608,  
-77.7724

232.8740, 10.9081,  
-45.4935

70.9270, 30.6020,  
-62.2030

242.4420, 6.1911,  
-25.8206

53.9890, 26.6274,  
-47.3484

252.0100, 1.4741,  
-6.1478

37.6380, 22.3635,  
-33.0085

23.2760, 18.1049,

-20.4131

■ 5.5060, 16.0195,  
-4.8288

■ 2.2970, 6.2626,  
-2.0145

■ 150.7830, 45.4630,  
-115.5737

■ 150.7830, 45.4630,  
-115.5737

■ 142.7540, 49.4213,  
-125.1953

■ 160.8940, 40.4783,  
-103.3930

■ 170.7170, 35.6355,  
-90.0828

■ 180.8280, 30.6508,  
-77.9022

■ 190.9390, 25.6661,  
-65.7215

■ 200.4630, 20.9707,  
-53.0261

■ 210.8730, 15.8386,  
-40.2306

■ 220.9840, 10.8539,  
-28.0500

■ 230.5080, 6.1586,  
-15.3545

■ 240.9180, 1.0264,  
-2.5591

# Harmonies

## Analogous

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



143.8020, 33.1286, -126.1144



150.7830, 45.4630, -115.5737



173.1800, 40.3373, -58.0399

# Triad

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



150.7830, 45.4630, -115.5737



188.3780, 3.7576, 54.9195



178.3030, -33.1804, 2.3653

# Complementary

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



150.7830, 45.4630, -115.5737



111.2170, -45.4630, 115.5737

# 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.



182.2790, -36.6195, 32.2043



150.7830, 45.4630, -115.5737



185.2420, -13.4303, 61.1778

# Square

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



150.7830, 45.4630, -115.5737



189.0940, 21.1527, 28.8586



184.6590, -29.4119, 53.7961



173.1660, -18.8158, -31.7176



# Rectangle

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



150.7830, 45.4630, -115.5737



181.9390, 36.0191, -26.2565



184.6590, -29.4119, 53.7961



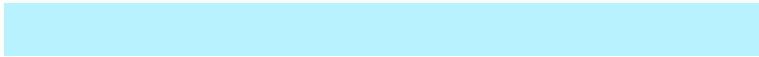
180.0870, -35.5389, 12.2017

# Sweetspot

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



150.7830, 45.4630, -115.5737



225.5530, 14.5174, -36.4420



155.1620, -46.9149, -119.4141



109.5610, 9.0904, -22.4170



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

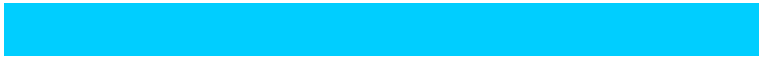


# Same Dimension

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



150.7830, 45.4630, -115.5737



149.9920, 51.7689, -131.5430



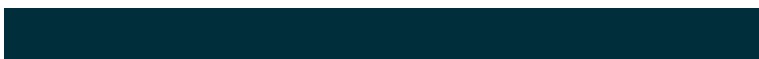
86.2130, 77.2960, -58.9458



117.2380, 2.3477, -6.3477



109.2540, 37.8358, -95.8158



34.3150, 12.1697, -30.0943



# Inverse Universe

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



106.6100, 46.0413, 119.6140



99.7290, 52.3916, 136.1727



175.7870, -77.2960, 58.9458



114.7280, 2.5991, 6.3775



72.7140, 38.1020, 99.3518

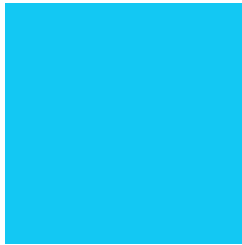


22.9990, 11.8325, 31.5729



# Previews

## White Background



This preview shows how the YUV color 150.7830, 45.4630, -115.5737 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

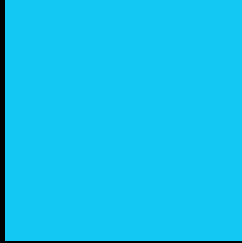
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 150.7830, 45.4630, -115.5737 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

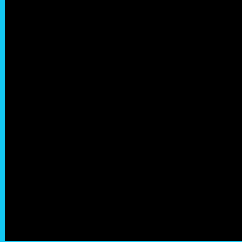
Any Text WCAG AA ✓ Pass

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 150.7830, 45.4630, -115.5737 Background



This preview shows how black text looks on a background with the YUV color 150.7830, 45.4630, -115.5737.



This preview shows how white text looks on a background with the YUV color 150.7830, 45.4630, -115.5737.



# 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

150.7830, 45.4630, -115.5737

### Protanopia

183.4820, 22.4404, -10.9467

### Deuteranopia

182.9680, 32.0608, -16.6349



## Tritanopia

144.1270, 36.9124, -126.3994

# Trichromacy



## Original Color

150.7830, 45.4630, -115.5737

## Protanomaly

171.7160, 30.7060, -48.8629

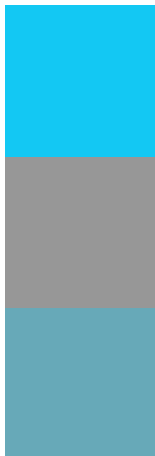
## Deuteranomaly

171.0020, 36.9740, -52.6218

## Tritanomaly

146.6590, 40.1011, -122.4809

# Monochromacy



## Original Color

150.7830, 45.4630, -115.5737

## Achromatopsia

151.0000, 0.0000, 0.0000

## Achromatomaly

150.9760, 16.2808, -42.0750

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 150.7830, 45.4630, -115.5737 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, 200, 243)` looks like.

```
.text, #text, p{  
    color:rgb(19, 200, 243)  
}
```

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, 200, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 200, 243) }
```

## Border

The CSS property to change the border of an element to YUV 150.7830, 45.4630, -115.5737 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, 200, 243) }
```



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

```
.border{ border-color:rgb(19, 200, 243) }
```

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

Here you see how a box with a 4 pixel rgb(19, 200, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 200, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 200, 243);  
box-shadow:4px 4px 4px 4px rgb(19, 200,  
243) }
```

# Background

The CSS property to change the background color of an element to YUV 150.7830, 45.4630, -115.5737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 200, 243) }
```

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

```
.background{ background-color: rgb(19, 200,  
243) }
```

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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