

Converting Colors

YUV(146.8320, 44.4528,
-118.2477)

Have a look what the booklet for
YUV(146.8320, 44.4528, -118.2477)
contains.

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Color

**YUV(146.8320, 44.4528,
-118.2477)**

Conversions

Conversions Part 1

Format	Color
Hex	0CC6ED
RGB	12, 198, 237
RGB Percent	5%, 78%, 93%
CMY	0.9529, 0.2235, 0.0706
CMYK	0.95, 0.16, 0.00, 0.07
HSL	190°, 90%, 49%
HSV	190°, 95%, 93%
XYZ	35.6318, 46.5808, 87.2338
YIQ	146.8320, -123.3750, -27.3030

Conversions

Conversions Part 2

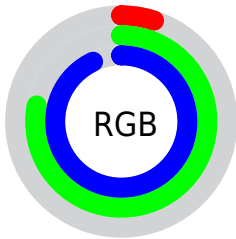
Format	Color
RYB	12, 114, 237
Decimal	837357
CIELab	73.92, -27.06, -30.72
CIELCh	74, 40.940, 228.619
Yxy	46.5808, 0.2103, 0.2749
Android (android.graphics.Color)	4279027437 (0xFF0CC6ED)
YUV	146.8320, 44.4528, -118.2477
Hunter-Lab	68.2501, -26.2470, -28.0064

Details

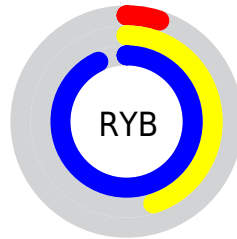
The YUV color **146.8320, 44.4528, -118.2477** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed cyan. A complement of this color would be **102.1680, -44.4528, 118.2477**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.5420, 20.9318, -87.2983**, and **105.1620, 37.3881, -92.2271** 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 **156.3560, 39.7575, -105.5522**.

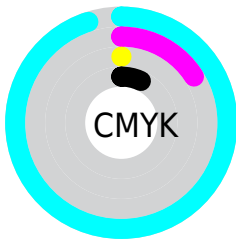
Distribution



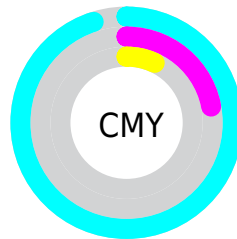
- Red (5%)
- Green (78%)
- Blue (93%)



- Red (5%)
- Yellow (45%)
- Blue (93%)



- Cyan (95%)
- Magenta (16%)
- Yellow (0%)
- Black (7%)



- Cyan (95%)
- Magenta (22%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 146.8320, 44.4528, -118.2477 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 146.8320, 44.4528, -118.2477 by changing the saturation by 10% instead.

■ 146.8320, 44.4528,
-118.2477

■ 146.8320, 44.4528,
-118.2477

■ 255.0000, 0.0000,
0.0000

■ 124.2030, 41.8049,
-108.9260

■ 212.5420, 20.9318,
-87.2983

■ 105.1620, 37.3881,
-92.2271

■ 222.4090, 16.0674,
-67.0107

■ 86.8220, 33.1188,
-76.1429

■ 232.2760, 11.2029,
-46.7231

■ 69.1830, 28.9968,
-60.6735

■ 241.5450, 6.6333,
-27.6650

■ 52.2450, 25.0222,
-45.8189

■ 251.1130, 1.9163,
-7.9921

■ 35.8940, 20.7583,
-31.4790

■ 20.9450, 16.7891,

-18.3688

■ 5.0500, 14.2723,
-4.4289

■ 0.7980, 3.0576,
-0.6998

■ 146.8320, 44.4528,
-118.2477

■ 146.8320, 44.4528,
-118.2477

■ 142.0700, 46.8005,
-124.5954

■ 156.3560, 39.7575,
-105.5522

■ 165.5810, 35.2096,
-93.4715

■ 175.1050, 30.5142,
-80.7761

■ 184.6290, 25.8189,
-68.0806

■ 194.7400, 20.8342,
-55.9000

■ 203.9650, 16.2863,
-43.8193

■ 213.4890, 11.5909,
-31.1239

■ 223.0130, 6.8956,
-18.4284

■ 232.2380, 2.3477,
-6.3477

Harmonies

Analogous

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



147.8100, 27.7017, -112.0894



146.8320, 44.4528, -118.2477



170.5000, 41.6585, -61.8285

Triad

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



146.8320, 44.4528, -118.2477



186.5240, 5.6577, 52.1605



176.9120, -33.4806, 5.3392

Complementary

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



146.8320, 44.4528, -118.2477



102.1680, -44.4528, 118.2477

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.



180.5180, -35.7514, 33.7487



146.8320, 44.4528, -118.2477



184.2960, -11.9779, 62.0074

Square

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



146.8320, 44.4528, -118.2477



186.4140, 22.4739, 25.0699



182.8270, -27.5227, 54.5257



171.8460, -20.1371, -27.9289

Rectangle

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



146.8320, 44.4528, -118.2477



178.9600, 37.4877, -30.6599



182.8270, -27.5227, 54.5257



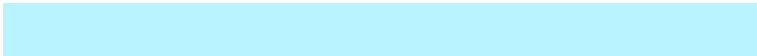
178.1090, -35.5497, 15.6904

Sweetspot

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



146.8320, 44.4528, -118.2477



226.7270, 13.9386, -37.4716



148.2930, -48.9514, -119.5290



110.1480, 8.8010, -22.9318



0.0000, 0.0000, 0.0000



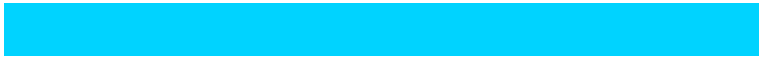
128.0000, 0.0000, 0.0000

Same Dimension

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



146.8320, 44.4528, -118.2477



152.9270, 50.3220, -134.1170



81.6750, 76.5752, -61.1050



112.5370, 2.2003, -5.7329



108.6840, 35.6518, -95.3159



31.9840, 10.8539, -28.0500

Inverse Universe

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



100.4790, 48.0779, 119.7289



100.2990, 54.5756, 135.6728



167.3250, -76.5752, 61.1050



110.3150, 2.3097, 5.8627



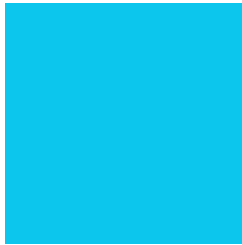
71.2190, 38.8390, 96.2779



21.1620, 11.2591, 28.7989

Previews

White Background



This preview shows how the YUV color 146.8320, 44.4528, -118.2477 looks on a white background.

Color Contrast Check

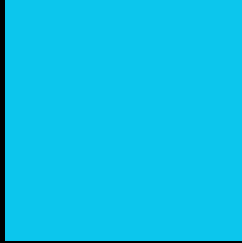
Large Text (above 18pt) WCAG AA × Fail

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 146.8320, 44.4528, -118.2477 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 146.8320, 44.4528, -118.2477 Background



This preview shows how black text looks on a background with the YUV color 146.8320, 44.4528, -118.2477.

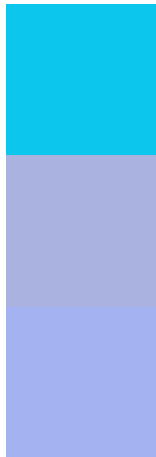


This preview shows how white text looks on a background with the YUV color 146.8320, 44.4528, -118.2477.

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

146.8320, 44.4528, -118.2477

Protanopia

180.7380, 20.8352, -9.4172

Deuteranopia

181.1100, 30.0188, -15.0055



Tritanopia

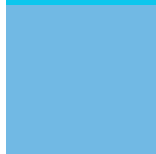
142.0240, 36.4702, -124.5550

Trichromacy



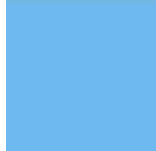
Original Color

146.8320, 44.4528, -118.2477



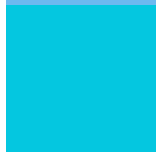
Protanomaly

168.3740, 29.3956, -48.5630



Deuteranomaly

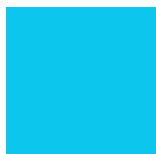
168.5460, 35.2268, -52.2218



Tritanomaly

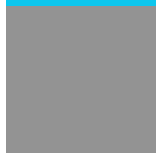
143.5450, 39.6643, -122.3810

Monochromacy



Original Color

146.8320, 44.4528, -118.2477



Achromatopsia

147.0000, 0.0000, 0.0000



Achromatomaly

147.2640, 16.1388, -43.2045

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.8320, 44.4528, -118.2477 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(12, 198, 237)` looks like.

```
.text, #text, p{  
    color:rgb(12, 198, 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(12, 198, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 198, 237) }
```

Border

The CSS property to change the border of an element to YUV 146.8320, 44.4528, -118.2477 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(12, 198, 237) }
```


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

```
.border{ border-color:rgb(12, 198, 237) }
```

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

Here you see how a box with a 4 pixel rgb(12, 198, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 198, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 198, 237);  
box-shadow:4px 4px 4px 4px rgb(12, 198,  
237) }
```

Background

The CSS property to change the background color of an element to YUV 146.8320, 44.4528, -118.2477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 198, 237) }
```

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

```
.background{ background-color: rgb(12, 198,  
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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