

Converting Colors

YUV(135.9550, 51.2942,
-119.2325)

Have a look what the booklet for
YUV(135.9550, 51.2942, -119.2325)
contains.

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Color

**YUV(135.9550, 51.2942,
-119.2325)**

Conversions

Conversions Part 1

Format	Color
Hex	00B9F0
RGB	0, 185, 240
RGB Percent	0%, 73%, 94%
CMY	1.0000, 0.2745, 0.0588
CMYK	1.00, 0.23, 0.00, 0.06
HSL	194°, 100%, 47%
HSV	194°, 100%, 94%
XYZ	33.0771, 40.9892, 88.6064
YIQ	135.9550, -127.9150, -22.1150

Conversions

Conversions Part 2

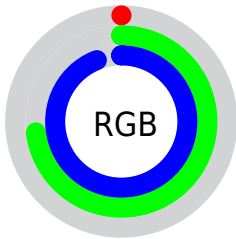
Format	Color
RYB	0, 104, 240
Decimal	47600
CIELab	70.17, -19.72, -38.16
CIELCh	70, 42.952, 242.670
Yxy	40.9892, 0.2033, 0.2520
Android (android.graphics.Color)	4278237680 (0xFF00B9F0)
YUV	135.9550, 51.2942, -119.2325
Hunter-Lab	64.0228, -19.8186, -37.2404

Details

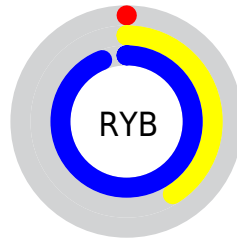
The YUV color **135.9550, 51.2942, -119.2325** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle saturated azure. A complement of this color would be **104.0450, -51.2942, 119.2325**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.4270, 25.4255, -81.9355**, and **98.4600, 42.1712, -86.3494** is the 20% darker color. If you saturate the color by 10%, you get **135.9550, 51.2942, -119.2325**, and if you desaturate by 10%, it is **146.6530, 46.0201, -107.5667**.

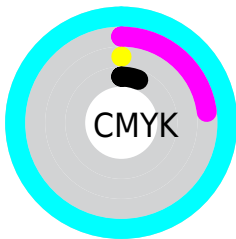
Distribution



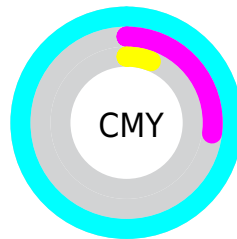
- Red (0%)
- Green (73%)
- Blue (94%)



- Red (0%)
- Yellow (41%)
- Blue (94%)



- Cyan (100%)
- Magenta (23%)
- Yellow (0%)
- Black (6%)



- Cyan (100%)
- Magenta (27%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.9550, 51.2942, -119.2325 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 135.9550, 51.2942, -119.2325 by changing the saturation by 10% instead.

135.9550, 51.2942,
-119.2325

135.9550, 51.2942,
-119.2325

255.0000, 0.0000,
0.0000

116.9140, 46.8774,
-102.5336

203.4270, 25.4255,
-81.9355

98.4600, 42.1712,
-86.3494

221.8110, 16.3622,
-68.2402

80.7070, 37.6124,
-70.7800

231.3790, 11.6452,
-48.5674

62.9540, 33.0537,
-55.2107

240.9470, 6.9281,
-28.8945

46.6030, 28.7897,
-40.8708

250.5150, 2.2111,
-9.2217

31.4260, 23.9470,
-27.5606

10.6070, 22.8717,

-9.3023

■ 5.1640, 14.7091,
-4.5288

■ 1.1400, 4.3680,
-0.9998

■ 135.9550, 51.2942,
-119.2325

■ 146.6530, 46.0201,
-107.5667

■ 156.7640, 41.0353,
-95.3860

■ 167.4620, 35.7612,
-83.7202

■ 177.5730, 30.7765,
-71.5395

■ 187.6840, 25.7918,
-59.3589

■ 198.3820, 20.5177,
-47.6930

■ 208.4930, 15.5330,
-35.5124

■ 219.1910, 10.2588,
-23.8465

■ 229.3020, 5.2741,
-11.6659

Harmonies

Analogous

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



136.2850, 37.3275, -119.5219



135.9550, 51.2942, -119.2325



165.5070, 41.1620, -42.5406

Triad

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



135.9550, 51.2942, -119.2325



174.5160, -2.2264, 60.9375



164.1380, -29.6480, -10.6450

Complementary

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



135.9550, 51.2942, -119.2325



104.0450, -51.2942, 119.2325

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.



167.9850, -37.4606, 21.9382



135.9550, 51.2942, -119.2325



173.0050, -20.7085, 62.2626

Square

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



135.9550, 51.2942, -119.2325



176.6780, 15.4417, 40.6244



171.1760, -33.6108, 47.2036



157.0160, -11.3469, -47.3720

Rectangle

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



135.9550, 51.2942, -119.2325



172.6960, 34.6599, -10.2574



171.1760, -33.6108, 47.2036



165.2920, -33.1750, 0.6209

Sweetspot

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



135.9550, 51.2942, -119.2325



221.7100, 16.4120, -37.4567



146.8080, -46.7403, -128.7506



107.7890, 9.9640, -22.6170



0.0000, 0.0000, 0.0000



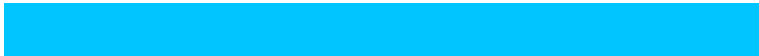
128.0000, 0.0000, 0.0000

Same Dimension

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



135.9550, 51.2942, -119.2325



144.7090, 54.3735, -126.9098



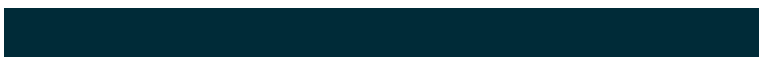
67.2760, 85.1529, -59.0011



114.6510, 2.6371, -5.8329



104.3300, 39.2773, -91.4974



31.6250, 12.0169, -27.7351

Inverse Universe

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



92.8500, 45.4300, 129.0506



98.7030, 48.4604, 137.0725



172.7240, -85.1529, 59.0011



112.6140, 2.1623, 6.4775



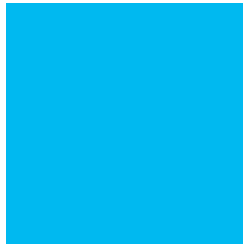
71.2040, 34.9024, 98.9221



21.6460, 10.5275, 30.1285

Previews

White Background



This preview shows how the YUV color 135.9550, 51.2942, -119.2325 looks on a white background.

Color Contrast Check

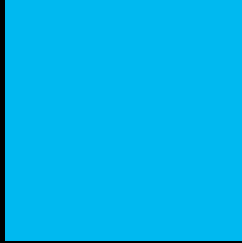
Large Text (above 18pt) WCAG AA × Fail

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 135.9550, 51.2942, -119.2325 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 135.9550, 51.2942, -119.2325 Background



This preview shows how black text looks on a background with the YUV color 135.9550, 51.2942, -119.2325.



This preview shows how white text looks on a background with the YUV color 135.9550, 51.2942, -119.2325.

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

135.9550, 51.2942, -119.2325

Protanopia

170.5400, 27.8348, -14.5056

Deuteranopia

169.4770, 36.7398, -24.0973



Tritanopia

134.1990, 34.4119, -117.6925

Trichromacy



Original Color

135.9550, 51.2942, -119.2325

Protanomaly

157.8880, 36.5372, -52.5218

Deuteranomaly

157.3370, 42.2319, -59.0545

Tritanomaly

135.0940, 40.3797, -118.4774

Monochromacy



Original Color

135.9550, 51.2942, -119.2325

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

136.2470, 18.6122, -43.1896

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.9550, 51.2942, -119.2325 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(0, 185, 240)` looks like.

```
.text, #text, p{  
    color:rgb(0, 185, 240)  
}
```

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(0, 185, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 185, 240) }
```

Border

The CSS property to change the border of an element to YUV 135.9550, 51.2942, -119.2325 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(0, 185, 240) }
```


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

```
.border{ border-color:rgb(0, 185, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 185, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 185, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 185, 240);  
box-shadow:4px 4px 4px 4px rgb(0, 185,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 135.9550, 51.2942, -119.2325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 185, 240) }
```

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

```
.background{ background-color: rgb(0, 185,  
240) }
```

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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