

Converting Colors

YUV(135.8240, 53.3308,
-119.1176)

Have a look what the booklet for
YUV(135.8240, 53.3308, -119.1176)
contains.

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Color

**YUV(135.8240, 53.3308,
-119.1176)**

Conversions

Conversions Part 1

Format	Color
Hex	00B8F4
RGB	0, 184, 244
RGB Percent	0%, 72%, 96%
CMY	1.0000, 0.2784, 0.0431
CMYK	1.00, 0.25, 0.00, 0.04
HSL	195°, 100%, 48%
HSV	195°, 100%, 96%
XYZ	33.4696, 40.8126, 91.7015
YIQ	135.8240, -128.9240, -20.3480

Conversions

Conversions Part 2

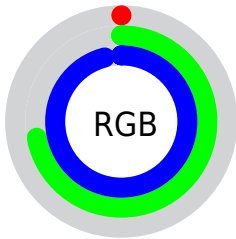
Format	Color
RYB	0, 105, 244
Decimal	47348
CIELab	70.04, -17.80, -40.52
CIELCh	70, 44.258, 246.284
Yxy	40.8126, 0.2016, 0.2459
Android (android.graphics.Color)	4278237428 (0xFF00B8F4)
YUV	135.8240, 53.3308, -119.1176
Hunter-Lab	63.8848, -18.2811, -40.3868

Details

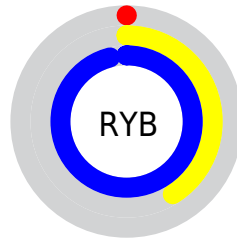
The YUV color **135.8240, 53.3308, -119.1176** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle saturated azure. A complement of this color would be **108.1760, -53.3308, 119.1176**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.1390, 25.5675, -80.8059**, and **98.2150, 43.7710, -86.1346** is the 20% darker color. If you saturate the color by 10%, you get **135.8240, 53.3308, -119.1176**, and if you desaturate by 10%, it is **146.5220, 48.0567, -107.4518**.

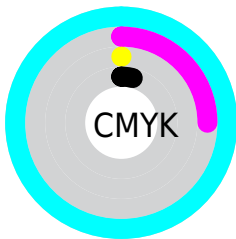
Distribution



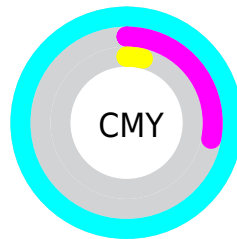
- Red (0%)
- Green (72%)
- Blue (96%)



- Red (0%)
- Yellow (41%)
- Blue (96%)



- Cyan (100%)
- Magenta (25%)
- Yellow (0%)
- Black (4%)



- Cyan (100%)
- Magenta (28%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.8240, 53.3308, -119.1176 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 135.8240, 53.3308, -119.1176 by changing the saturation by 10% instead.

■ 135.8240, 53.3308,
-119.1176

■ 135.8240, 53.3308,
-119.1176

■ 255.0000, 0.0000,
0.0000

■ 116.6690, 48.4772,
-102.3187

■ 203.1390, 25.5675,
-80.8059

■ 98.2150, 43.7710,
-86.1346

■ 222.1100, 16.2148,
-67.6255

■ 80.4620, 39.2122,
-70.5652

■ 231.6780, 11.4977,
-47.9526

■ 63.4100, 34.8009,
-55.6106

■ 241.2460, 6.7807,
-28.2797

■ 46.9450, 30.1001,
-41.1708

■ 250.8140, 2.0637,
-8.6069

■ 31.2950, 25.9836,
-27.4457

■ 10.3620, 24.4715,

-9.0875

■ 5.5060, 16.0195,
-4.8288

■ 2.1830, 5.8258,
-1.9145

■ 135.8240, 53.3308,
-119.1176

■ 146.5220, 48.0567,
-107.4518

■ 157.5190, 42.6351,
-95.1712

■ 168.2170, 37.3610,
-83.5053

■ 179.2140, 31.9395,
-71.2247

■ 189.9120, 26.6654,
-59.5588

■ 200.6100, 21.3913,
-47.8930

■ 211.6070, 15.9697,
-35.6123

■ 222.3050, 10.6956,
-23.9465

■ 233.3020, 5.2741,
-11.6659

Harmonies

Analogous

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



136.9690, 39.9483, -120.1218



135.8240, 53.3308, -119.1176



166.3550, 41.7300, -38.0223

Triad

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



135.8240, 53.3308, -119.1176



174.1420, -5.0000, 63.8965



162.7460, -28.4688, -15.5632

Complementary

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



135.8240, 53.3308, -119.1176



108.1760, -53.3308, 119.1176

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.



167.3220, -38.6127, 18.1346



135.8240, 53.3308, -119.1176



171.8480, -22.6031, 63.2773

Square

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



135.8240, 53.3308, -119.1176



175.9560, 13.8257, 45.6426



170.5950, -35.7893, 45.9592



154.9550, -8.8518, -54.3345

Rectangle

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



135.8240, 53.3308, -119.1176



173.3160, 34.3542, -5.5391



170.5950, -35.7893, 45.9592



163.9710, -33.0167, -3.4826

Sweetspot

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



135.8240, 53.3308, -119.1176



221.1230, 16.7014, -36.9419



149.7260, -45.7139, -131.3097



107.2020, 10.2534, -22.1022



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.



135.8240, 53.3308, -119.1176



141.7740, 55.8204, -124.3358



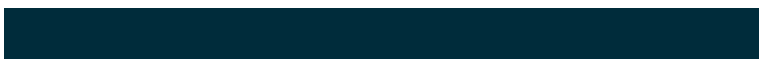
65.9710, 87.7683, -57.8566



116.6510, 2.6371, -5.8329



103.3840, 40.7297, -90.6678



32.5540, 13.0379, -28.5499

Inverse Universe

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



93.9320, 44.4035, 131.6096



98.1330, 46.2764, 137.5724



178.0290, -87.7683, 57.8566



114.6140, 2.1623, 6.4775



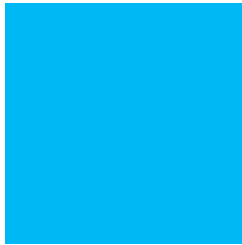
71.5740, 33.7340, 100.3516



22.6570, 10.5221, 31.8728

Previews

White Background



This preview shows how the YUV color 135.8240, 53.3308, -119.1176 looks on a white background.

Color Contrast Check

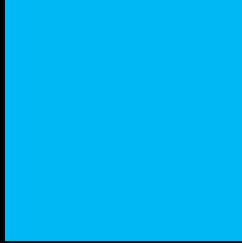
Large Text (above 18pt) WCAG AA × Fail

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 135.8240, 53.3308, -119.1176 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 135.8240, 53.3308, -119.1176 Background



This preview shows how black text looks on a background with the YUV color 135.8240, 53.3308, -119.1176.



This preview shows how white text looks on a background with the YUV color 135.8240, 53.3308, -119.1176.

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

135.8240, 53.3308, -119.1176

Protanopia

170.3980, 29.8768, -16.1350

Deuteranopia

168.7370, 39.0767, -26.9563



Tritanopia

134.0850, 33.9751, -117.5925

Trichromacy



Original Color

135.8240, 53.3308, -119.1176

Protanomaly

158.0450, 38.4318, -53.5365

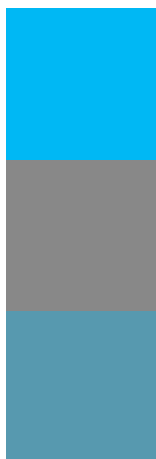
Deuteranomaly

156.6080, 44.5633, -60.1692

Tritanomaly

134.6210, 41.1058, -118.0626

Monochromacy



Original Color

135.8240, 53.3308, -119.1176

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

135.7740, 19.3384, -42.7748

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.8240, 53.3308, -119.1176 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, 184, 244)` looks like.

```
.text, #text, p{  
    color:rgb(0, 184, 244)  
}
```

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, 184, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 184, 244) }
```

Border

The CSS property to change the border of an element to YUV 135.8240, 53.3308, -119.1176 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, 184, 244) }
```


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

```
.border{ border-color:rgb(0, 184, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 184, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 184, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 184, 244);  
box-shadow:4px 4px 4px 4px rgb(0, 184,  
244) }
```

Background

The CSS property to change the background color of an element to YUV 135.8240, 53.3308, -119.1176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 184, 244) }
```

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

```
.background{ background-color: rgb(0, 184,  
244) }
```

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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