

Converting Colors

YUV(157.6230, 48.0069,
-138.2354)

Have a look what the booklet for
YUV(157.6230, 48.0069, -138.2354)
contains.

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Color

**YUV(157.6230, 48.0069,
-138.2354)**

Conversions

Conversions Part 1

Format	Color
Hex	00DBFF
RGB	0, 219, 255
RGB Percent	0%, 86%, 100%
CMY	1.0000, 0.1412, 0.0000
CMYK	1.00, 0.14, 0.00, 0.00
HSL	188°, 100%, 50%
HSV	188°, 100%, 100%
XYZ	43.3815, 57.8830, 103.4938
YIQ	157.6230, -142.0800, -35.2320

Conversions

Conversions Part 2

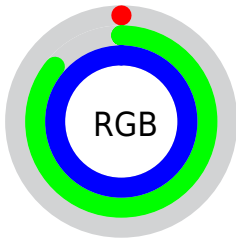
Format	Color
RYB	0, 118, 255
Decimal	56319
CIELab	80.67, -31.73, -29.97
CIELCh	81, 43.642, 223.363
Yxy	57.8830, 0.2119, 0.2827
Android (android.graphics.Color)	4278246399 (0xFF00DBFF)
YUV	157.6230, 48.0069, -138.2354
Hunter-Lab	76.0809, -31.3604, -27.3963

Details

The YUV color **157.6230, 48.0069, -138.2354** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light saturated cyan. A complement of this color would be **97.3770, -48.0069, 138.2354**, and the grayscale version is **157.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.4390, 20.4896, -85.4540**, and **118.8400, 39.0259, -104.2227** is the 20% darker color. If you saturate the color by 10%, you get **157.6230, 48.0069, -138.2354**, and if you desaturate by 10%, it is **167.4460, 43.1641, -124.9251**.

Distribution



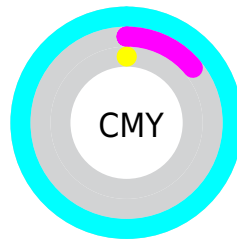
- Red (0%)
- Green (86%)
- Blue (100%)



- Red (0%)
- Yellow (46%)
- Blue (100%)



- Cyan (100%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (100%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 157.6230, 48.0069, -138.2354 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 157.6230, 48.0069, -138.2354 by changing the saturation by 10% instead.

157.6230, 48.0069,
-138.2354

157.6230, 48.0069,
-138.2354

255.0000, 0.0000,
0.0000

137.8810, 43.4427,
-120.9216

213.4390, 20.4896,
-85.4540

118.8400, 39.0259,
-104.2227

223.9040, 15.3303,
-63.9368

99.9130, 35.0459,
-87.6237

233.7710, 10.4659,
-43.6492

81.5730, 30.7765,
-71.5395

243.6380, 5.6015,
-23.3615

63.9340, 26.6545,
-56.0701

253.2060, 0.8844,
-3.6887

47.6970, 22.8274,
-41.8303

32.0470, 18.7108,

-28.1052

■ 10.0540, 18.2144,
-8.8174

■ 3.5510, 11.0674,
-3.1142

■ 157.6230, 48.0069,
-138.2354

■ 167.4460, 43.1641,
-124.9251

■ 176.9810, 38.4634,
-110.4853

■ 187.1030, 33.4732,
-96.5603

■ 196.3390, 28.9199,
-82.7353

■ 206.4610, 23.9297,
-68.8103

■ 216.2840, 19.0870,
-55.5001

■ 225.8190, 14.3862,
-41.0603

■ 235.6420, 9.5435,
-27.7500

■ 245.1770, 4.8427,
-13.3102

Harmonies

Analogous

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



168.9200, 24.1964, -107.8008



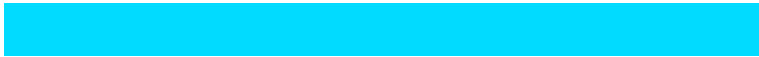
157.6230, 48.0069, -138.2354



182.2290, 35.8761, -73.8688

Triad

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



157.6230, 48.0069, -138.2354



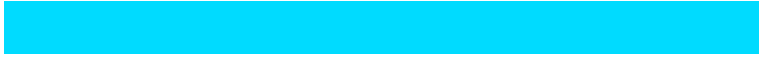
202.2720, 11.2049, 46.2425



195.8050, -37.8649, 11.5720

Complementary

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



157.6230, 48.0069, -138.2354



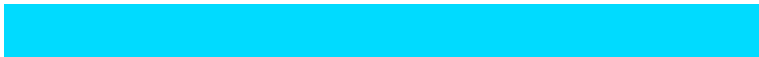
97.3770, -48.0069, 138.2354

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.



199.2910, -38.1045, 41.8408



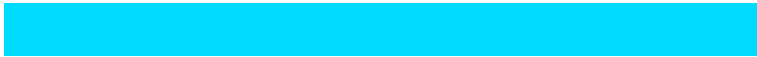
157.6230, 48.0069, -138.2354



196.3100, -6.5618, 51.4711

Square

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



157.6230, 48.0069, -138.2354



204.6630, 24.8161, 20.4665



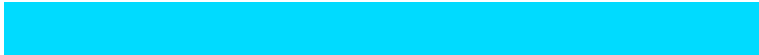
196.2010, -24.7491, 51.5667



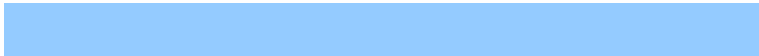
190.2010, -25.2421, -23.8553

Rectangle

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



157.6230, 48.0069, -138.2354



192.4830, 30.8209, -39.0116



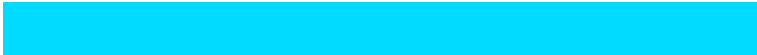
196.2010, -24.7491, 51.5667



196.6430, -38.7710, 22.2381

Sweetspot

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



157.6230, 48.0069, -138.2354



225.8190, 14.3862, -41.0603



153.5610, -58.9436, -134.6730



110.1370, 8.8065, -24.6761



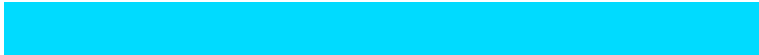
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



157.6230, 48.0069, -138.2354



84.2480, 84.1807, -73.8855



122.9390, 2.4951, -6.9625



118.0420, 35.9683, -103.5228



39.5810, 12.0386, -34.7125

Inverse Universe

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



101.2110, 58.0700, 134.8730



171.3390, -84.4701, 73.3707



120.1410, 2.8885, 6.8923



75.8050, 43.4801, 101.0260



25.4060, 14.5898, 33.8469

Previews

White Background



This preview shows how the YUV color 157.6230, 48.0069, -138.2354 looks on a white background.

Color Contrast Check

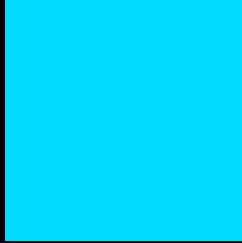
Large Text (above 18pt) WCAG AA × Fail

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 157.6230, 48.0069, -138.2354 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

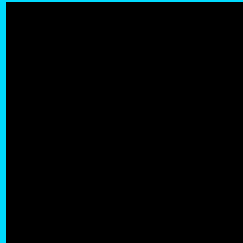
Any Text WCAG AA ✓ Pass

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 157.6230, 48.0069, -138.2354 Background



This preview shows how black text looks on a background with the YUV color 157.6230, 48.0069, -138.2354.



This preview shows how white text looks on a background with the YUV color 157.6230, 48.0069, -138.2354.

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



Protanopia

199.3960, 19.5248, -9.1173

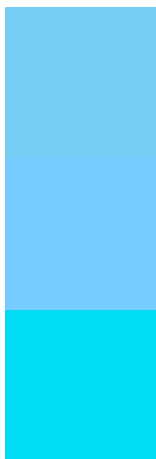
Deuteranopia

199.7360, 27.2452, -12.0465

Tritanopia

156.8590, 40.0025, -137.5653

Trichromacy



Protanomaly

184.1450, 30.0015, -56.2552

Deuteranomaly

184.1000, 34.9537, -57.9697

Tritanomaly

156.9560, 42.9127, -137.6504

Monochromacy



Achromatopsia

158.0000, 0.0000, 0.0000

Achromatomaly

157.8610, 17.3235, -49.8671

CSS Examples

Text

The CSS property to change the color of the text to YUV 157.6230, 48.0069, -138.2354 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, 219, 255)` looks like.

```
.text, #text, p{  
    color:rgb(0, 219, 255)  
}
```

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, 219, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 219, 255) }
```

Border

The CSS property to change the border of an element to YUV 157.6230, 48.0069, -138.2354 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, 219, 255) }
```

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

```
.border{ border-color:rgb(0, 219, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 219, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(0, 219, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(0, 219, 255); box-shadow:4px 4px 4px 4px rgb(0, 219, 255) }
```

Background

The CSS property to change the background color of an element to YUV 157.6230, 48.0069, -138.2354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 219, 255) }
```

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

```
.background{ background-color: rgb(0, 219,  
255) }
```

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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