

Converting Colors

YUV(159.1830, 38.8568,
-96.6305)

Have a look what the booklet for
YUV(159.1830, 38.8568, -96.6305)
contains.

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Color

**YUV(159.1830, 38.8568,
-96.6305)**

Conversions

Conversions Part 1

Format	Color
Hex	31C8EE
RGB	49, 200, 238
RGB Percent	19%, 78%, 93%
CMY	0.8078, 0.2157, 0.0667
CMYK	0.79, 0.16, 0.00, 0.07
HSL	192°, 85%, 56%
HSV	192°, 79%, 93%
XYZ	37.3535, 48.1346, 88.2111
YIQ	159.1830, -102.1940, -20.1940

Conversions

Conversions Part 2

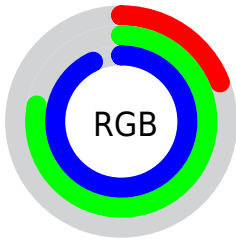
Format	Color
R _Y B	49, 133, 238
Decimal	3262702
CIE Lab	74.91, -25.61, -29.70
CIE LCh	75, 39.220, 229.232
Yxy	48.1346, 0.2150, 0.2771
Android (android.graphics.Color)	4281452782 (0xFF31C8EE)
YUV	159.1830, 38.8568, -96.6305
Hunter-Lab	69.3791, -25.3095, -26.8181

Details

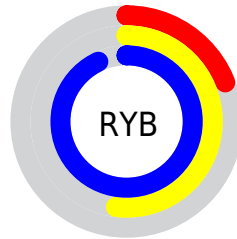
The YUV color **159.1830, 38.8568, -96.6305** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **127.8170, -38.8568, 96.6305**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.4290, 19.0155, -79.3062**, and **106.4500, 37.2462, -93.3567** is the 20% darker color. If you saturate the color by 10%, you get **149.0720, 43.8415, -108.8111**, and if you desaturate by 10%, it is **169.2940, 33.8721, -84.4498**.

Distribution



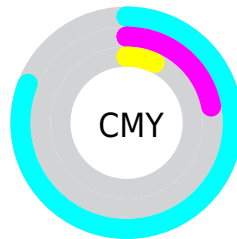
- Red (19%)
- Green (78%)
- Blue (93%)



- Red (19%)
- Yellow (52%)
- Blue (93%)



- Cyan (79%)
- Magenta (16%)
- Yellow (0%)
- Black (7%)



- Cyan (81%)
- Magenta (22%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.1830, 38.8568, -96.6305 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 159.1830, 38.8568, -96.6305 by changing the saturation by 10% instead.

159.1830, 38.8568,
-96.6305

159.1830, 38.8568,
-96.6305

255.0000, 0.0000,
0.0000

125.4910, 41.6629,
-110.0556

216.4290, 19.0155,
-79.3062

106.4500, 37.2462,
-93.3567

225.9970, 14.2985,
-59.6334

88.1100, 32.9768,
-77.2725

235.2660, 9.7289,
-40.5753

70.4710, 28.8548,
-61.8031

244.8340, 5.0118,
-20.9024

53.5330, 24.8802,
-46.9484

254.1030, 0.4422,
-1.8443

37.1820, 20.6163,
-32.6086

22.8200, 16.3577,

-20.0131

■ 5.1640, 14.7091,
-4.5288

■ 1.0260, 3.9312,
-0.8998

■ 159.1830, 38.8568,
-96.6305

■ 159.1830, 38.8568,
-96.6305

■ 149.0720, 43.8415,
-108.8111

■ 169.2940, 33.8721,
-84.4498

■ 138.9610, 48.8262,
-120.9918

■ 179.4050, 28.8873,
-72.2692

■ 138.6620, 48.9736,
-121.6066

■ 188.6300, 24.3394,
-60.1885

■ 198.7410, 19.3547,
-48.0079

■ 208.8520, 14.3700,
-35.8272

■ 218.9630, 9.3852,
-23.6466

■ 228.4870, 4.6899,
-10.9511

■ 238.2990, -0.1474,
0.6148

■ 246.0180, -3.9529,
7.8772

Harmonies

Analogous

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



157.6980, 24.3059, -96.2051



159.1830, 38.8568, -96.6305



174.6640, 39.6056, -56.7103

Triad

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



159.1830, 38.8568, -96.6305



188.9860, 4.9369, 50.0013



179.3680, -31.7334, 4.9393

Complementary

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



159.1830, 38.8568, -96.6305



127.8170, -38.8568, 96.6305

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.



183.1480, -34.5830, 32.3192



159.1830, 38.8568, -96.6305



186.8720, -12.2619, 59.7483

Square

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



159.1830, 38.8568, -96.6305



189.3600, 21.0215, 24.2403



185.0440, -26.6437, 52.5814



174.7860, -19.1215, -26.9993

Rectangle

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



159.1830, 38.8568, -96.6305



182.2270, 35.8771, -27.3861



185.0440, -26.6437, 52.5814



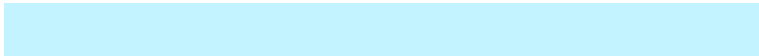
180.8530, -33.9445, 14.1609

Sweetspot

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



159.1830, 38.8568, -96.6305



229.7170, 12.4645, -31.3238



164.2750, -38.0966, -101.0962



112.2410, 7.7692, -18.6284



0.0000, 0.0000, 0.0000



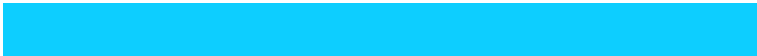
128.0000, 0.0000, 0.0000

Same Dimension

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



159.1830, 38.8568, -96.6305



153.8790, 49.8527, -123.5509



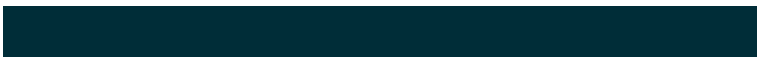
104.0050, 66.0595, -48.2394



114.6510, 2.6371, -5.8329



107.2650, 37.8304, -94.0714



32.7990, 11.4381, -28.7647

Inverse Universe

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



122.7250, 38.0966, 101.0962



107.3600, 48.6295, 129.4803



182.9950, -66.0595, 48.2394



112.6140, 2.1623, 6.4775



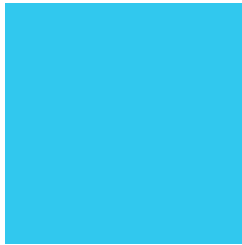
71.7740, 37.0864, 98.4222



21.8740, 11.4011, 29.9285

Previews

White Background



This preview shows how the YUV color 159.1830, 38.8568, -96.6305 looks on a white background.

Color Contrast Check

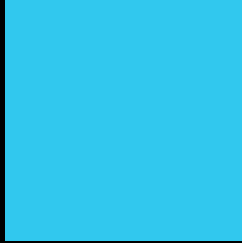
Large Text (above 18pt) WCAG AA × Fail

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 159.1830, 38.8568, -96.6305 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 159.1830, 38.8568, -96.6305

Background



This preview shows how black text looks on a background with the YUV color 159.1830, 38.8568, -96.6305.

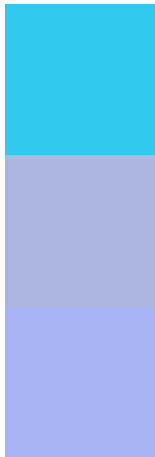


This preview shows how white text looks on a background with the YUV color 159.1830, 38.8568, -96.6305.

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

159.1830, 38.8568, -96.6305

Protanopia

183.6240, 20.3984, -9.3172

Deuteranopia

183.5940, 29.2872, -13.6759



Tritanopia

151.7160, 33.6640, -111.1299

Trichromacy



Original Color

159.1830, 38.8568, -96.6305



Protanomaly

174.8480, 27.1899, -41.0857



Deuteranomaly

174.6180, 32.7263, -43.5150



Tritanomaly

154.6180, 35.6843, -105.7820

Monochromacy



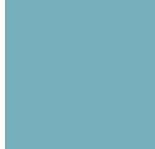
Original Color

159.1830, 38.8568, -96.6305



Achromatopsia

159.0000, 0.0000, 0.0000



Achromatomaly

159.1510, 14.2226, -35.2124

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.1830, 38.8568, -96.6305 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(49, 200, 238)` looks like.

```
.text, #text, p{  
    color:rgb(49, 200, 238)  
}
```

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(49, 200, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 200, 238) }
```

Border

The CSS property to change the border of an element to YUV 159.1830, 38.8568, -96.6305 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(49, 200, 238) }
```


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

```
.border{ border-color:rgb(49, 200, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 200, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 200, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 200, 238);  
box-shadow:4px 4px 4px 4px rgb(49, 200,  
238) }
```

Background

The CSS property to change the background color of an element to YUV 159.1830, 38.8568, -96.6305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 200, 238) }
```

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

```
.background{ background-color: rgb(49, 200,  
238) }
```

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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