

Converting Colors

YUV(112.9190, 49.3399,
-99.0300)

Have a look what the booklet for
YUV(112.9190, 49.3399, -99.0300)
contains.

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Color

**YUV(112.9190, 49.3399,
-99.0300)**

Conversions

Conversions Part 1

Format	Color
Hex	0097D5
RGB	0, 151, 213
RGB Percent	0%, 59%, 84%
CMY	1.0000, 0.4078, 0.1647
CMYK	1.00, 0.29, 0.00, 0.16
HSL	197°, 100%, 42%
HSV	197°, 100%, 84%
XYZ	23.0768, 26.9373, 66.9339
YIQ	112.9190, -109.8980, -12.7300

Conversions

Conversions Part 2

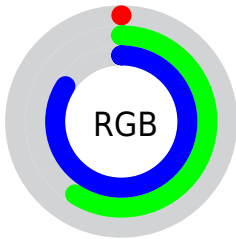
Format	Color
R _{YB}	0, 88, 213
Decimal	38869
CIE _{Lab}	58.92, -10.99, -40.89
CIE _{LCh}	59, 42.341, 254.956
Y _{xy}	26.9373, 0.1973, 0.2303
Android (android.graphics.Color)	4278228949 (0xFF0097D5)
YUV	112.9190, 49.3399, -99.0300
Hunter-Lab	51.9012, -11.4605, -40.1321

Details

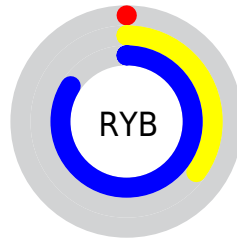
The YUV color **112.9190, 49.3399, -99.0300** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **100.0810, -49.3399, 99.0300**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.9030, 37.0228, -68.3209**, and **76.7120, 40.0750, -67.2764** is the 20% darker color. If you saturate the color by 10%, you get **112.9190, 49.3399, -99.0300**, and if you desaturate by 10%, it is **122.7200, 44.5080, -89.2084**.

Distribution



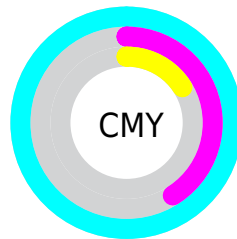
- Red (0%)
- Green (59%)
- Blue (84%)



- Red (0%)
- Yellow (35%)
- Blue (84%)



- Cyan (100%)
- Magenta (29%)
- Yellow (0%)
- Black (16%)



- Cyan (100%)
- Magenta (41%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.9190, 49.3399, -99.0300 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 112.9190, 49.3399, -99.0300 by changing the saturation by 10% instead.

■ 112.9190, 49.3399,
-99.0300

■ 112.9190, 49.3399,
-99.0300

■ 255.0000, 0.0000,
0.0000

■ 94.4650, 44.6338,
-82.8458

■ 179.9030, 37.0228,
-68.3209

■ 76.7120, 40.0750,
-67.2764

■ 205.9070, 24.2028,
-63.0624

■ 60.2470, 35.3742,
-52.8366

■ 228.0900, 13.2666,
-55.3299

■ 43.7820, 30.6735,
-38.3968

■ 237.3590, 8.6970,
-36.2718

■ 28.6050, 25.8307,
-25.0866

■ 246.6280, 4.1274,
-17.2138

■ 9.5470, 23.8873,
-8.3727

■ 5.2780, 15.1459,

-4.6288

■ 1.2540, 4.8048,
-1.0998

■ 0.0000, 0.0000,
0.0000

■ 112.9190, 49.3399,
-99.0300

■ 122.7200, 44.5080,
-89.2084

■ 132.8200, 39.5287,
-78.7721

■ 143.2080, 34.4075,
-69.4654

■ 153.0090, 29.5756,
-59.6439

■ 163.1090, 24.5963,
-49.2076

■ 172.9100, 19.7644,
-39.3861

■ 182.7110, 14.9325,
-29.5645

■ 193.0990, 9.8112,
-20.2578

■ 203.1990, 4.8319,
-9.8215

Harmonies

Analogous

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



114.7480, 38.5782, -100.6340



112.9190, 49.3399, -99.0300



139.9610, 36.0082, -22.7678

Triad

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



112.9190, 49.3399, -99.0300



142.6810, -9.2097, 60.7928



131.9990, -22.1845, -24.5551

Complementary

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



112.9190, 49.3399, -99.0300



100.0810, -49.3399, 99.0300

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.



136.9940, -34.5070, 7.8983



112.9190, 49.3399, -99.0300



141.8100, -25.0493, 54.5406

Square

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



112.9190, 49.3399, -99.0300



144.8980, 8.4313, 49.2015



139.7570, -34.8832, 35.2931



121.1690, -0.0833, -66.8002

Rectangle

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



112.9190, 49.3399, -99.0300



145.1990, 28.4959, 6.8415



139.7570, -34.8832, 35.2931



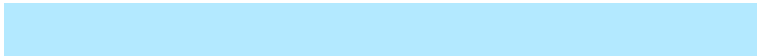
133.8110, -27.0218, -12.9892

Sweetspot

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



112.9190, 49.3399, -99.0300



219.3620, 17.5695, -35.3975



131.8710, -35.4324, -115.6509



106.0280, 10.8322, -21.0726



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.



112.9190, 49.3399, -99.0300



135.3170, 59.0037, -118.6730



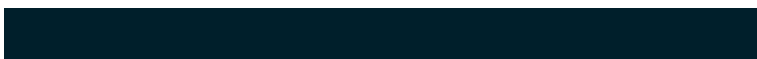
51.2840, 79.7260, -44.9761



101.9500, 2.4897, -5.2181



90.5210, 39.6761, -79.3869



23.0990, 9.8112, -20.2578

Inverse Universe

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



80.9010, 34.5588, 115.8508



96.8790, 41.4717, 138.6721



161.7160, -79.7260, 44.9761



100.2010, 1.8729, 5.9627



64.9230, 27.6460, 93.0295



16.3910, 7.2022, 23.3361

Previews

White Background



This preview shows how the YUV color 112.9190, 49.3399, -99.0300 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 112.9190, 49.3399, -99.0300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

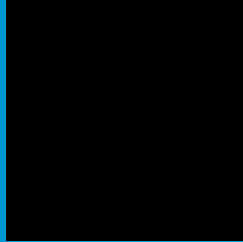
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 112.9190, 49.3399, -99.0300 Background



This preview shows how black text looks on a background with the YUV color 112.9190, 49.3399, -99.0300.



This preview shows how white text looks on a background with the YUV color 112.9190, 49.3399, -99.0300.

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

140.6150, 30.7558, -18.0794

Deuteranopia

138.3730, 37.7771, -30.1451

Tritanopia

111.3110, 27.9477, -97.6197

Trichromacy



Protanomaly

130.2630, 37.8313, -47.5887

Deuteranomaly

129.2450, 41.7842, -55.4659

Tritanomaly

111.9610, 35.5152, -98.1898

Monochromacy



Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

113.0630, 17.7169, -36.0123

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.9190, 49.3399, -99.0300 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, 151, 213)` looks like.

```
.text, #text, p{  
    color:rgb(0, 151, 213)  
}
```

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, 151, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 151, 213) }
```

Border

The CSS property to change the border of an element to YUV 112.9190, 49.3399, -99.0300 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, 151, 213) }
```

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

```
.border{ border-color:rgb(0, 151, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 151, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 151, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 151, 213);  
box-shadow:4px 4px 4px 4px rgb(0, 151,  
213) }
```


Background

The CSS property to change the background color of an element to YUV 112.9190, 49.3399, -99.0300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 151, 213) }
```

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

```
.background{ background-color: rgb(0, 151,  
213) }
```

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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