

Converting Colors

YUV(149.4900, 39.6914,
-131.1027)

Have a look what the booklet for
YUV(149.4900, 39.6914, -131.1027)
contains.

YUV(149.4900, 39.6914, -131.1027)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(149.4900, 39.6914,
-131.1027)**

Conversions

Conversions Part 1

Format	Color
Hex	00D2E6
RGB	0, 210, 230
RGB Percent	0%, 82%, 90%
CMY	1.0000, 0.1765, 0.0980
CMYK	1.00, 0.09, 0.00, 0.10
HSL	185°, 100%, 45%
HSV	185°, 100%, 90%
XYZ	37.3295, 51.8064, 82.8951
YIQ	149.4900, -131.5800, -38.3000

Conversions

Conversions Part 2

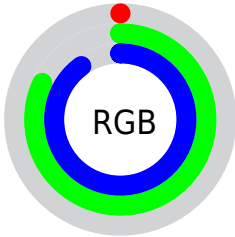
Format	Color
RYB	0, 110, 230
Decimal	53990
CIELab	77.16, -35.41, -21.99
CIELCh	77, 41.684, 211.844
Yxy	51.8064, 0.2170, 0.3011
Android (android.graphics.Color)	4278244070 (0xFF00D2E6)
YUV	149.4900, 39.6914, -131.1027
Hunter-Lab	71.9766, -33.3830, -17.9003

Details

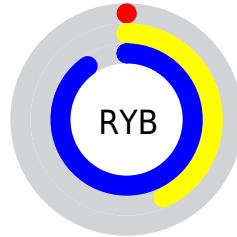
The YUV color **149.4900, 39.6914, -131.1027** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **80.5100, -39.6914, 131.1027**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.9440, 21.2266, -88.5279**, and **110.8210, 31.1472, -97.1900** is the 20% darker color. If you saturate the color by 10%, you get **149.4900, 39.6914, -131.1027**, and if you desaturate by 10%, it is **157.5410, 35.7223, -117.9925**.

Distribution



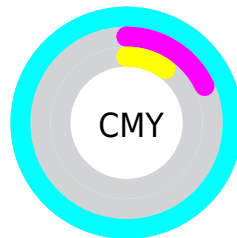
- Red (0%)
- Green (82%)
- Blue (90%)



- Red (0%)
- Yellow (43%)
- Blue (90%)



- Cyan (100%)
- Magenta (9%)
- Yellow (0%)
- Black (10%)



- Cyan (100%)
- Magenta (18%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.4900, 39.6914, -131.1027 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 149.4900, 39.6914, -131.1027 by changing the saturation by 10% instead.

149.4900, 39.6914,
-131.1027

149.4900, 39.6914,
-131.1027

255.0000, 0.0000,
0.0000

129.8620, 35.5640,
-113.8890

211.9440, 21.2266,
-88.5279

110.8210, 31.1472,
-97.1900

222.1100, 16.2148,
-67.6255

92.0080, 27.6041,
-80.6910

231.9770, 11.3503,
-47.3378

74.3690, 23.4821,
-65.2216

241.5450, 6.6333,
-27.6650

56.8440, 19.7969,
-49.8522

250.8140, 2.0637,
-8.6069

40.0200, 16.2591,
-35.0975

25.7720, 12.4374,

-22.6020

■ 4.5940, 12.5252,
-4.0289

■ 0.0000, 0.0000,
0.0000

■ 149.4900, 39.6914,
-131.1027

■ 157.5410, 35.7223,
-117.9925

■ 165.5920, 31.7531,
-104.8822

■ 173.6430, 27.7840,
-91.7719

■ 181.6940, 23.8149,
-78.6616

■ 189.7450, 19.8457,
-65.5514

■ 197.7960, 15.8766,
-52.4411

■ 205.8470, 11.9074,
-39.3308

■ 213.8980, 7.9383,
-26.2205

■ 221.9490, 3.9691,
-13.1103

Harmonies

Analogous

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



167.2730, 12.1904, -83.5544



149.4900, 39.6914, -131.1027



168.5520, 42.6189, -89.9381

Triad

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



149.4900, 39.6914, -131.1027



196.0800, 15.7366, 39.3948



187.8110, -36.8818, 22.9678

Complementary

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



149.4900, 39.6914, -131.1027



80.5100, -39.6914, 131.1027

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.



190.5890, -33.3214, 47.7184



149.4900, 39.6914, -131.1027



191.8250, -0.8997, 55.4045

Square

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



149.4900, 39.6914, -131.1027



193.9320, 30.1065, 3.5676



189.8410, -18.6556, 57.1444



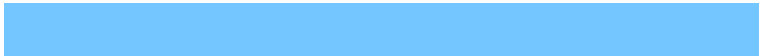
183.2630, -29.2167, -9.0007

Rectangle

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



149.4900, 39.6914, -131.1027



179.6810, 37.1323, -56.7252



189.8410, -18.6556, 57.1444



188.8660, -36.9089, 31.6895

Sweetspot

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



149.4900, 39.6914, -131.1027



228.1670, 13.2287, -43.1195



137.1760, -58.2608, -120.3034



111.8980, 7.9383, -26.2205



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.



149.4900, 39.6914, -131.1027



165.8410, 43.9554, -145.4426



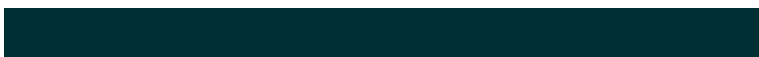
82.5720, 72.6820, -72.4156



110.8250, 2.0583, -6.8625



116.0870, 31.0161, -101.8083



33.4030, 8.6753, -29.2944

Inverse Universe

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



92.7100, 57.8240, 120.4033



102.8070, 64.1851, 133.4733



147.4280, -72.6820, 72.4156



107.8420, 3.0359, 6.2776



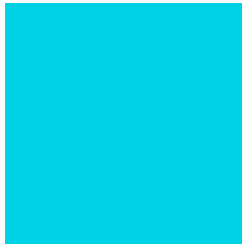
72.1030, 44.8122, 93.7487



20.6070, 13.0117, 26.6547

Previews

White Background



This preview shows how the YUV color 149.4900, 39.6914, -131.1027 looks on a white background.

Color Contrast Check

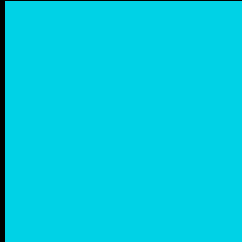
Large Text (above 18pt) WCAG AA × Fail

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 149.4900, 39.6914, -131.1027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

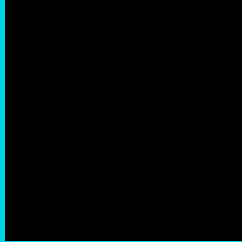
Any Text WCAG AA ✓ Pass

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 149.4900, 39.6914, -131.1027 Background



This preview shows how black text looks on a background with the YUV color 149.4900, 39.6914, -131.1027.

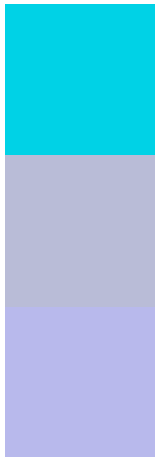


This preview shows how white text looks on a background with the YUV color 149.4900, 39.6914, -131.1027.

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

149.4900, 39.6914, -131.1027

Protanopia

190.1810, 12.2358, -4.5437

Deuteranopia

190.5150, 22.4241, -5.7137



Tritanopia

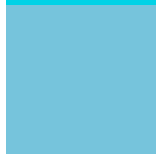
149.1480, 38.3810, -130.8028

Trichromacy



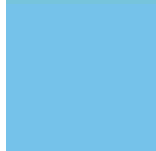
Original Color

149.4900, 39.6914, -131.1027



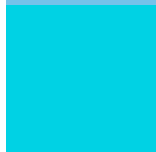
Protanomaly

175.4140, 21.9809, -50.3521



Deuteranomaly

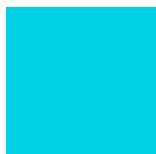
175.5370, 28.8223, -51.3369



Tritanomaly

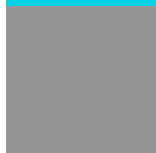
149.2620, 38.8178, -130.9028

Monochromacy



Original Color

149.4900, 39.6914, -131.1027



Achromatopsia

149.0000, 0.0000, 0.0000



Achromatomaly

149.0740, 14.2605, -47.4229

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.4900, 39.6914, -131.1027 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, 210, 230)` looks like.

```
.text, #text, p{  
    color:rgb(0, 210, 230)  
}
```

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, 210, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 210, 230) }
```

Border

The CSS property to change the border of an element to YUV 149.4900, 39.6914, -131.1027 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, 210, 230) }
```


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

```
.border{ border-color:rgb(0, 210, 230) }
```

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

Here you see how a box with a 4 pixel rgb(0, 210, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 210, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 210, 230);  
box-shadow:4px 4px 4px 4px rgb(0, 210,  
230) }
```

Background

The CSS property to change the background color of an element to YUV 149.4900, 39.6914, -131.1027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 210, 230) }
```

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

```
.background{ background-color: rgb(0, 210,  
230) }
```

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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