

Converting Colors

YUV(149.0690, 1.4450,
-90.3915)

Have a look what the booklet for
YUV(149.0690, 1.4450, -90.3915)
contains.

YUV(149.0690, 1.4450, -90.3915)	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(149.0690, 1.4450,
-90.3915)**

Conversions

Conversions Part 1

Format	Color
Hex	2EC998
RGB	46, 201, 152
RGB Percent	18%, 79%, 60%
CMY	0.8196, 0.2118, 0.4039
CMYK	0.77, 0.00, 0.24, 0.21
HSL	161°, 63%, 48%
HSV	161°, 77%, 79%
XYZ	27.6809, 44.6211, 36.8596
YIQ	149.0690, -76.6510, -48.0990

Conversions

Conversions Part 2

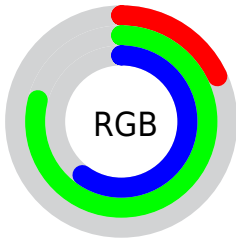
Format	Color
RYB	46, 138, 201
Decimal	3066264
CIELab	72.64, -50.65, 13.44
CIELCh	73, 52.406, 165.137
Yxy	44.6211, 0.2536, 0.4088
Android (android.graphics.Color)	4281256344 (0xFF2EC998)
YUV	149.0690, 1.4450, -90.3915
Hunter-Lab	66.7990, -42.9297, 14.0432

Details

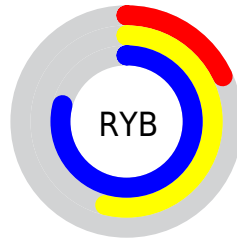
The YUV color **149.0690, 1.4450, -90.3915** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark muted spring green. A complement of this color would be **97.9310, -1.4450, 90.3915**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.8530, -0.9135, -80.5551**, and **97.2160, 1.8655, -85.2584** is the 20% darker color. If you saturate the color by 10%, you get **142.4050, 1.7723, -102.0872**, and if you desaturate by 10%, it is **155.7330, 1.1176, -78.6958**.

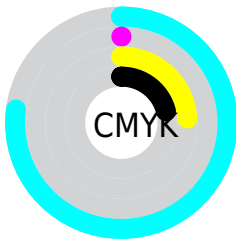
Distribution



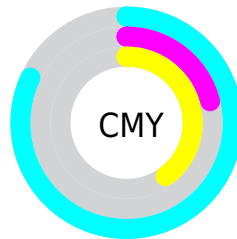
- Red (18%)
- Green (79%)
- Blue (60%)



- Red (18%)
- Yellow (54%)
- Blue (79%)



- Cyan (77%)
- Magenta (0%)
- Yellow (24%)
- Black (21%)



- Cyan (82%)
- Magenta (21%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.0690, 1.4450, -90.3915 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 149.0690, 1.4450, -90.3915 by changing the saturation by 10% instead.

■ 149.0690, 1.4450,
-90.3915

■ 149.0690, 1.4450,
-90.3915

■ 255.0000, 0.0000,
0.0000

■ 115.9150, 4.9719,
-101.6575

■ 207.8530, -0.9135,
-80.5551

■ 97.2160, 1.8655,
-85.2584

■ 220.4280, 7.1840,
-64.3964

■ 78.6310, -0.8041,
-68.9594

■ 231.6780, 11.4977,
-47.9526

■ 60.7470, -3.3263,
-53.2751

■ 240.9470, 6.9281,
-28.8945

■ 44.1510, -5.9904,
-38.7204

■ 249.9170, 2.5059,
-10.4512

■ 28.1420, -8.9440,
-24.6805

■ 9.9790, -4.9196,

-8.7516

■ 0.0000, 0.0000,
0.0000

■ 149.0690, 1.4450,
-90.3915

■ 149.0690, 1.4450,
-90.3915

■ 142.4050, 1.7723,
-102.0872

■ 155.7330, 1.1176,
-78.6958

■ 135.6270, 1.6629,
-113.6829

■ 162.5110, 1.2271,
-67.1001

■ 133.6050, 1.6737,
-117.1716

■ 169.1750, 0.8997,
-55.4045

■ 175.8390, 0.5724,
-43.7088

■ 182.9160, 0.5344,
-31.4983

■ 189.5800, 0.2071,
-19.8027

■ 196.2440, -0.1203,
-8.1070

■ 203.0220, -0.0108,
3.4887

■ 209.6860, -0.3382,
15.1844

Harmonies

Analogous

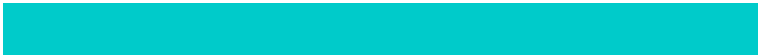
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



165.3480, -28.2726, -31.8772



149.0690, 1.4450, -90.3915



142.1890, 29.4868, -124.6998

Triad

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



149.0690, 1.4450, -90.3915



174.2530, 39.8083, -28.2859



177.0630, -32.0761, 68.3507

Complementary

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



149.0690, 1.4450, -90.3915



97.9310, -1.4450, 90.3915

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.



175.0350, -9.3843, 70.1293



149.0690, 1.4450, -90.3915



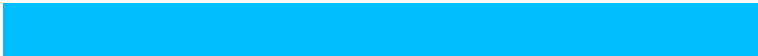
183.3030, 30.9096, 26.0443

Square

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



149.0690, 1.4450, -90.3915



140.6000, 56.3992, -123.3062



182.2680, 10.7139, 63.7860



175.4780, -45.0987, 45.1848

Rectangle

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



149.0690, 1.4450, -90.3915



144.4350, 43.1695, -126.6695



182.2680, 10.7139, 63.7860



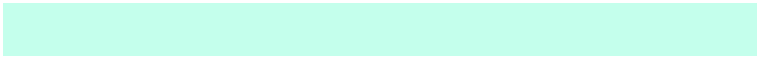
175.7240, -24.5139, 69.5251

Sweetspot

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



149.0690, 1.4450, -90.3915



235.1930, 0.3979, -34.3723



151.6360, -52.0785, -49.6698



115.8680, 0.0651, -20.9322



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.



149.0690, 1.4450, -90.3915



175.5870, 2.1756, -138.2038



138.2190, 30.9510, -80.8761



95.9670, 0.0163, -5.2331



108.4490, 1.7506, -95.1098



23.8680, 0.0651, -20.9322

Inverse Universe

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



97.9310, -1.4450, 90.3915



97.4130, -2.1756, 138.2038



108.7810, -30.9510, 80.8761



93.0330, -0.0163, 5.2331



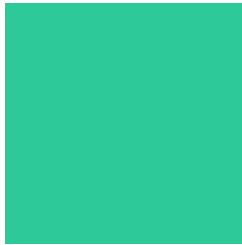
54.6650, -1.3138, 95.0098



12.0180, -0.5019, 21.0322

Previews

White Background



This preview shows how the YUV color 149.0690, 1.4450, -90.3915 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 149.0690, 1.4450, -90.3915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

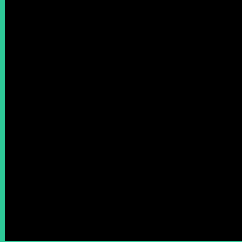
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

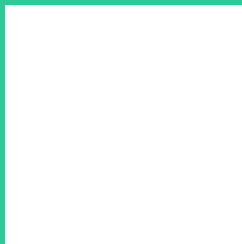
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 149.0690, 1.4450, -90.3915

Background



This preview shows how black text looks on a background with the YUV color 149.0690, 1.4450, -90.3915.



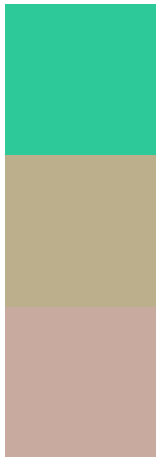
This preview shows how white text looks on a background with the YUV color 149.0690, 1.4450,

-90.3915.

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

149.0690, 1.4450, -90.3915

Protanopia

175.4840, -17.4936, 10.9765

Deuteranopia

177.7160, -9.2270, 19.5431



Tritanopia

160.1400, 24.0880, -72.9138

Trichromacy



Original Color

149.0690, 1.4450, -90.3915



Protanomaly

165.6750, -10.6858, -26.0250



Deuteranomaly

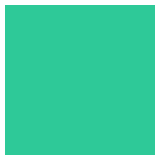
167.0870, -5.4659, -20.2473



Tritanomaly

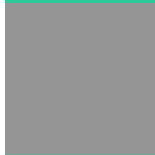
156.2180, 15.6685, -79.1212

Monochromacy



Original Color

149.0690, 1.4450, -90.3915



Achromatopsia

149.0000, 0.0000, 0.0000



Achromatomaly

149.2040, 0.3924, -32.6279

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.0690, 1.4450, -90.3915 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(46, 201, 152)` looks like.

```
.text, #text, p{  
    color:rgb(46, 201, 152)  
}
```

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(46, 201, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 201, 152) }
```

Border

The CSS property to change the border of an element to YUV 149.0690, 1.4450, -90.3915 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(46, 201, 152) }
```


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

```
.border{ border-color:rgb(46, 201, 152) }
```

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

Here you see how a box with a 4 pixel rgb(46, 201, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 201, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 201, 152);  
box-shadow:4px 4px 4px 4px rgb(46, 201,  
152) }
```

Background

The CSS property to change the background color of an element to YUV 149.0690, 1.4450, -90.3915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 201, 152) }
```

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

```
.background{ background-color: rgb(46, 201,  
152) }
```

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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