

Converting Colors

YUV(149.4480, 26.8941,
-86.3389)

Have a look what the booklet for
YUV(149.4480, 26.8941, -86.3389)
contains.

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Color

**YUV(149.4480, 26.8941,
-86.3389)**

Conversions

Conversions Part 1

Format	Color
Hex	33BDCC
RGB	51, 189, 204
RGB Percent	20%, 74%, 80%
CMY	0.8000, 0.2588, 0.2000
CMYK	0.75, 0.07, 0.00, 0.20
HSL	186°, 60%, 50%
HSV	186°, 75%, 80%
XYZ	30.4619, 41.4586, 63.5235
YIQ	149.4480, -87.0630, -24.5910

Conversions

Conversions Part 2

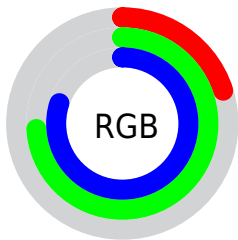
Format	Color
RYB	51, 124, 204
Decimal	3390924
CIELab	70.50, -30.66, -17.99
CIElCh	70, 35.544, 210.400
Yxy	41.4586, 0.2249, 0.3061
Android (android.graphics.Color)	4281581004 (0xFF33BDCC)
YUV	149.4480, 26.8941, -86.3389
Hunter-Lab	64.3884, -28.2319, -13.4218

Details

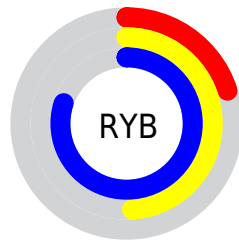
The YUV color **149.4480, 26.8941, -86.3389** is a dark color, and the websafe version is hex **66CCCC**. The color can be described as middle muted azure. A complement of this color would be **105.5520, -26.8941, 86.3389**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.6510, 22.3571, -77.7469**, and **96.3450, 26.4519, -84.4946** is the 20% darker color. If you saturate the color by 10%, you get **142.2940, 30.4211, -97.6048**, and if you desaturate by 10%, it is **156.6020, 23.3672, -75.0730**.

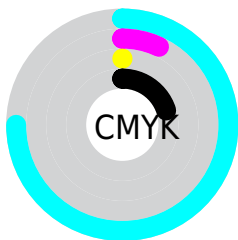
Distribution



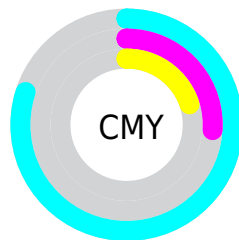
- Red (20%)
- Green (74%)
- Blue (80%)



- Red (20%)
- Yellow (49%)
- Blue (80%)



- Cyan (75%)
- Magenta (7%)
- Yellow (0%)
- Black (20%)



- Cyan (80%)
- Magenta (26%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.4480, 26.8941, -86.3389 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 149.4480, 26.8941, -86.3389 by changing the saturation by 10% instead.

■ 149.4480, 26.8941,
-86.3389

■ 149.4480, 26.8941,
-86.3389

■ 255.0000, 0.0000,
0.0000

■ 115.2720, 30.4319,
-101.0935

■ 209.6510, 22.3571,
-77.7469

■ 96.3450, 26.4519,
-84.4946

■ 224.2030, 15.1829,
-63.3220

■ 78.1190, 22.6193,
-68.5104

■ 233.4720, 10.6133,
-44.2639

■ 61.1810, 18.6448,
-53.6557

■ 242.4420, 6.1911,
-25.8206

■ 44.3570, 15.1070,
-38.9011

■ 251.7110, 1.6215,
-6.7625

■ 28.8210, 11.4272,
-25.2760

■ 6.5830, 12.5306,

-5.7733

■ 0.4560, 1.7472,
-0.3999

■ 0.0000, 0.0000,
0.0000

■ 149.4480, 26.8941,
-86.3389

■ 149.4480, 26.8941,
-86.3389

■ 142.2940, 30.4211,
-97.6048

■ 156.6020, 23.3672,
-75.0730

■ 134.8410, 34.0954,
-109.4856

■ 164.0550, 19.6929,
-63.1922

■ 131.2640, 35.8588,
-115.1185

■ 171.2090, 16.1660,
-51.9263

■ 178.6620, 12.4916,
-40.0456

■ 185.8160, 8.9647,
-28.7796

■ 192.9700, 5.4378,
-17.5137

■ 200.4230, 1.7635,
-5.6330

■ 207.5770, -1.7635,
5.6330

■ 215.0300, -5.4378,
17.5137

Harmonies

Analogous

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



155.3570, 8.2050, -65.2111



149.4480, 26.8941, -86.3389



156.7240, 35.1391, -70.7949

Triad

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



149.4480, 26.8941, -86.3389



177.1670, 13.7217, 32.3025



170.5810, -31.3454, 20.5385

Complementary

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



149.4480, 26.8941, -86.3389



105.5520, -26.8941, 86.3389

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.



172.4510, -27.3373, 41.7005



149.4480, 26.8941, -86.3389



176.2650, -1.6096, 49.7566

Square

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



149.4480, 26.8941, -86.3389



175.1830, 26.0388, 1.5935



174.3890, -16.4608, 53.1558



166.7240, -25.0069, -5.8969

Rectangle

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



149.4480, 26.8941, -86.3389



164.8670, 35.0686, -48.1184



174.3890, -16.4608, 53.1558



171.4510, -30.7883, 28.5455

Sweetspot

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



149.4480, 26.8941, -86.3389



233.8370, 10.4334, -33.1830



142.2930, -38.5984, -80.0640



114.8880, 6.4642, -20.0728



0.0000, 0.0000, 0.0000



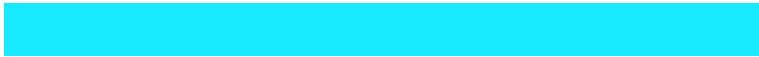
128.0000, 0.0000, 0.0000

Same Dimension

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



149.4480, 26.8941, -86.3389



173.3160, 40.2702, -130.0731



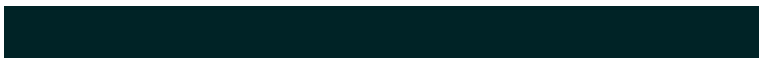
106.0100, 48.3091, -48.2438



98.4230, 1.7635, -5.6330



106.9740, 29.0998, -93.8162



24.8770, 6.4696, -21.8171

Inverse Universe

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



112.4790, 37.7249, 80.2639



117.4820, 56.9504, 120.6033



148.9900, -48.3091, 48.2438



96.0160, 2.4571, 5.2480



66.7340, 41.0501, 87.0563



15.3520, 9.6865, 19.8623

Previews

White Background



This preview shows how the YUV color 149.4480, 26.8941, -86.3389 looks on a white background.

Color Contrast Check

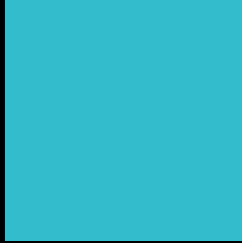
Large Text (above 18pt) WCAG AA × Fail

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 149.4480, 26.8941, -86.3389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

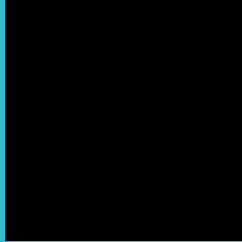
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 149.4480, 26.8941, -86.3389

Background



This preview shows how black text looks on a background with the YUV color 149.4480, 26.8941, -86.3389.

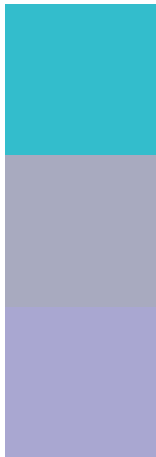


This preview shows how white text looks on a background with the YUV color 149.4480, 26.8941, -86.3389.

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

149.4480, 26.8941, -86.3389

Protanopia

171.7960, 9.4676, -3.3291

Deuteranopia

172.3860, 18.0507, -2.9695



Tritanopia

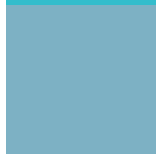
149.4480, 26.8941, -86.3389

Trichromacy



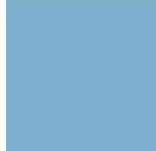
Original Color

149.4480, 26.8941, -86.3389



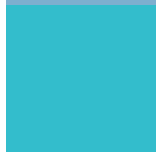
Protanomaly

163.6180, 15.9643, -33.8680



Deuteranomaly

163.9970, 21.2005, -33.3234



Tritanomaly

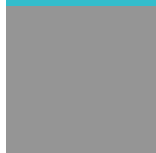
149.4480, 26.8941, -86.3389

Monochromacy



Original Color

149.4480, 26.8941, -86.3389



Achromatopsia

149.0000, 0.0000, 0.0000



Achromatomaly

149.3210, 9.7017, -31.8535

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.4480, 26.8941, -86.3389 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(51, 189, 204)` looks like.

```
.text, #text, p{  
    color:rgb(51, 189, 204)  
}
```

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(51, 189, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 189, 204) }
```

Border

The CSS property to change the border of an element to YUV 149.4480, 26.8941, -86.3389 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(51, 189, 204) }
```


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

```
.border{ border-color:rgb(51, 189, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 189, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 189, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 189, 204);  
box-shadow:4px 4px 4px 4px rgb(51, 189,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 149.4480, 26.8941, -86.3389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 189, 204) }
```

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

```
.background{ background-color: rgb(51, 189,  
204) }
```

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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