

Converting Colors

YUV(134.9000, 34.5593,
-118.3073)

Have a look what the booklet for
YUV(134.9000, 34.5593, -118.3073)
contains.

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Color

**YUV(134.9000, 34.5593,
-118.3073)**

Conversions

Conversions Part 1

Format	Color
Hex	00BECD
RGB	0, 190, 205
RGB Percent	0%, 75%, 80%
CMY	1.0000, 0.2549, 0.1961
CMYK	1.00, 0.07, 0.00, 0.20
HSL	184°, 100%, 40%
HSV	184°, 100%, 80%
XYZ	29.4329, 41.2347, 64.1654
YIQ	134.9000, -118.0550, -35.6150

Conversions

Conversions Part 2

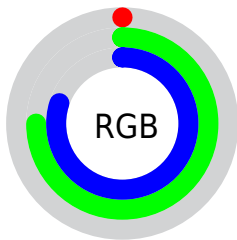
Format	Color
RYB	0, 99, 205
Decimal	48845
CIELab	70.34, -33.88, -18.82
CIELCh	70, 38.756, 209.046
Yxy	41.2347, 0.2183, 0.3058
Android (android.graphics.Color)	4278238925 (0xFF00BECD)
YUV	134.9000, 34.5593, -118.3073
Hunter-Lab	64.2142, -30.5586, -14.2950

Details

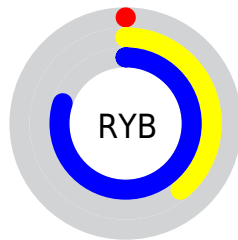
The YUV color **134.9000, 34.5593, -118.3073** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as dark washed azure. A complement of this color would be **70.1000, -34.5593, 118.3073**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.1550, 24.5736, -88.7129**, and **97.0460, 26.5993, -85.1093** is the 20% darker color. If you saturate the color by 10%, you get **134.9000, 34.5593, -118.3073**, and if you desaturate by 10%, it is **142.0540, 31.0324, -107.0414**.

Distribution



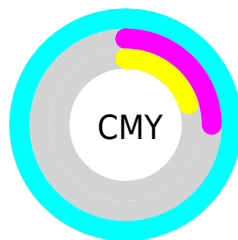
- Red (0%)
- Green (75%)
- Blue (80%)



- Red (0%)
- Yellow (39%)
- Blue (80%)



- Cyan (100%)
- Magenta (7%)
- Yellow (0%)
- Black (20%)



- Cyan (100%)
- Magenta (25%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 134.9000, 34.5593, -118.3073 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 134.9000, 34.5593, -118.3073 by changing the saturation by 10% instead.

134.9000, 34.5593,
-118.3073

134.9000, 34.5593,
-118.3073

255.0000, 0.0000,
0.0000

115.9730, 30.5793,
-101.7083

205.1550, 24.5736,
-88.7129

97.0460, 26.5993,
-85.1093

219.7180, 17.3940,
-72.5437

78.8200, 22.7667,
-69.1251

229.2860, 12.6770,
-52.8708

61.2950, 19.0816,
-53.7557

238.5550, 8.1074,
-33.8127

44.4710, 15.5438,
-39.0011

247.8240, 3.5378,
-14.7546

29.5220, 11.5747,
-25.8908

6.1100, 13.2568,

-5.3585

■ 0.5700, 2.1840,
-0.4999

■ 0.0000, 0.0000,
0.0000

■ 134.9000, 34.5593,
-118.3073

■ 142.0540, 31.0324,
-107.0414

■ 148.9200, 27.6474,
-94.6458

■ 156.3730, 23.9731,
-82.7651

■ 162.9400, 20.7356,
-70.9844

■ 170.3930, 17.0613,
-59.1037

■ 176.9600, 13.8237,
-47.3229

■ 184.4130, 10.1494,
-35.4422

■ 190.9800, 6.9119,
-23.6615

■ 198.4330, 3.2375,
-11.7807

Harmonies

Analogous

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



151.8290, 8.9583, -73.5180



134.9000, 34.5593, -118.3073



150.2920, 40.2820, -87.0791

Triad

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



134.9000, 34.5593, -118.3073



176.7480, 15.9002, 33.5470



169.3210, -33.6823, 23.3975

Complementary

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



134.9000, 34.5593, -118.3073



70.1000, -34.5593, 118.3073

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.



172.0170, -29.0954, 45.5891



134.9000, 34.5593, -118.3073



175.9280, -0.4575, 53.5601

Square

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



134.9000, 34.5593, -118.3073



174.3830, 29.3912, -0.3359



173.7100, -16.6190, 57.2593



165.9260, -28.0645, -5.1971

Rectangle

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



134.9000, 34.5593, -118.3073



161.5500, 39.1689, -56.6103



173.7100, -16.6190, 57.2593



170.4900, -33.2726, 32.0193

Sweetspot

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



134.9000, 34.5593, -118.3073



228.7540, 12.9393, -43.6343



121.9310, -53.2100, -106.9335



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.



134.9000, 34.5593, -118.3073



167.6020, 43.0872, -146.9870



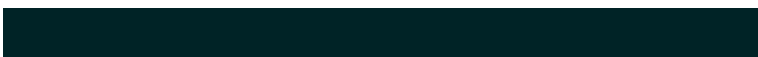
75.6130, 63.7878, -66.3126



98.4230, 1.7635, -5.6330



109.3220, 27.9423, -95.8754



24.8770, 6.4696, -21.8171

Inverse Universe

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



82.9550, 52.7732, 107.0335



103.1490, 65.4955, 133.1733



129.3870, -63.7878, 66.3126



96.0160, 2.4571, 5.2480



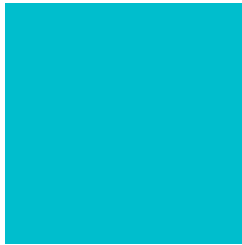
67.1900, 42.7973, 86.6564



15.3520, 9.6865, 19.8623

Previews

White Background



This preview shows how the YUV color 134.9000, 34.5593, -118.3073 looks on a white background.

Color Contrast Check

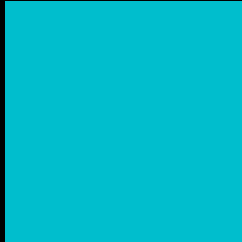
Large Text (above 18pt) WCAG AA × Fail

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 134.9000, 34.5593, -118.3073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

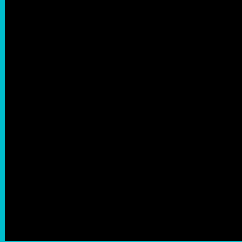
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

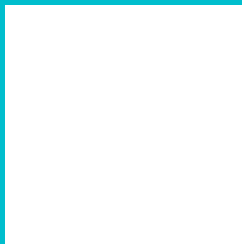
Any Text WCAG AAA ✓ Pass

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

YUV 134.9000, 34.5593, -118.3073 Background



This preview shows how black text looks on a background with the YUV color 134.9000, 34.5593, -118.3073.

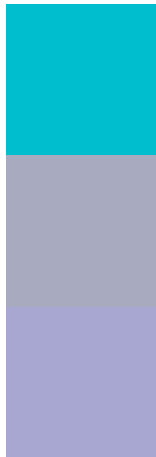


This preview shows how white text looks on a background with the YUV color 134.9000, 34.5593, -118.3073.

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

134.9000, 34.5593, -118.3073

Protanopia

171.9100, 9.9044, -3.4291

Deuteranopia

172.2010, 18.6349, -3.6843



Tritanopia

136.9930, 33.5275, -114.0039

Trichromacy



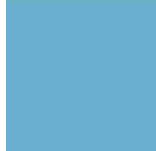
Original Color

134.9000, 34.5593, -118.3073



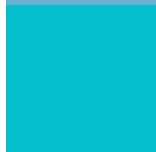
Protanomaly

158.3500, 19.0545, -45.0339



Deuteranomaly

158.4300, 24.4380, -45.1041



Tritanomaly

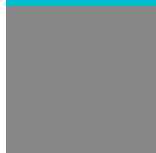
136.0960, 33.9697, -115.8482

Monochromacy



Original Color

134.9000, 34.5593, -118.3073



Achromatopsia

135.0000, 0.0000, 0.0000



Achromatomaly

134.9390, 12.3551, -42.9195

CSS Examples

Text

The CSS property to change the color of the text to YUV 134.9000, 34.5593, -118.3073 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, 190, 205)` looks like.

```
.text, #text, p{  
    color:rgb(0, 190, 205)  
}
```

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, 190, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 190, 205) }
```

Border

The CSS property to change the border of an element to YUV 134.9000, 34.5593, -118.3073 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, 190, 205) }
```


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

```
.border{ border-color:rgb(0, 190, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 190, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 190, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 190, 205);  
box-shadow:4px 4px 4px 4px rgb(0, 190,  
205) }
```

Background

The CSS property to change the background color of an element to YUV 134.9000, 34.5593, -118.3073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 190, 205) }
```

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

```
.background{ background-color: rgb(0, 190,  
205) }
```

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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