

Converting Colors

YUV(149.9290, 17.2900,
-85.8837)

Have a look what the booklet for
YUV(149.9290, 17.2900, -85.8837)
contains.

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Color

**YUV(149.9290, 17.2900,
-85.8837)**

Conversions

Conversions Part 1

Format	Color
Hex	34C1B9
RGB	52, 193, 185
RGB Percent	20%, 76%, 73%
CMY	0.7961, 0.2431, 0.2745
CMYK	0.73, 0.00, 0.04, 0.24
HSL	177°, 58%, 48%
HSV	177°, 73%, 76%
XYZ	29.2431, 42.3728, 52.5364
YIQ	149.9290, -81.4680, -32.3800

Conversions

Conversions Part 2

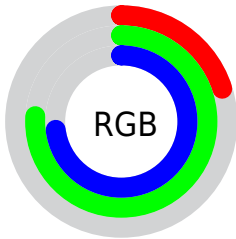
Format	Color
RYB	52, 125, 193
Decimal	3457465
CIELab	71.13, -38.00, -6.65
CIELCh	71, 38.580, 189.921
Yxy	42.3728, 0.2355, 0.3413
Android (android.graphics.Color)	4281647545 (0xFF34C1B9)
YUV	149.9290, 17.2900, -85.8837
Hunter-Lab	65.0944, -33.7255, -2.2858

Details

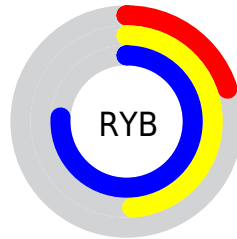
The YUV color **149.9290, 17.2900, -85.8837** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted spring green. A complement of this color would be **95.0710, -17.2900, 85.8837**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.1040, 15.2317, -79.0212**, and **96.6410, 17.4320, -84.7542** is the 20% darker color. If you saturate the color by 10%, you get **144.1340, 19.6539, -97.4645**, and if you desaturate by 10%, it is **155.7240, 14.9261, -74.3029**.

Distribution



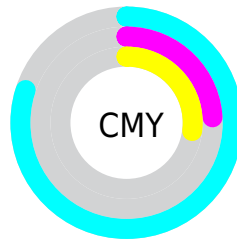
- Red (20%)
- Green (76%)
- Blue (73%)



- Red (20%)
- Yellow (49%)
- Blue (76%)



- Cyan (73%)
- Magenta (0%)
- Yellow (4%)
- Black (24%)





- Cyan (80%)
- Magenta (24%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.9290, 17.2900, -85.8837 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 149.9290, 17.2900, -85.8837 by changing the saturation by 10% instead.


 149.9290, 17.2900,
-85.8837


 149.9290, 17.2900,
-85.8837


255.0000, 0.0000,
0.0000


 114.8670, 21.2646,
-100.7384


 210.1040, 15.2317,
-79.0212

 96.6410, 17.4320,
-84.7542


 223.9040, 15.3303,
-63.9368


 78.5290, 14.0362,
-68.8699


 232.8740, 10.9081,
-45.4935

 61.1180, 10.7878,
-53.6005

 241.8440, 6.4859,
-27.0502

 43.8210, 7.9762,
-38.4310

 251.1130, 1.9163,
-7.9921

 28.3990, 4.7333,
-24.9059

 7.3350, 5.2578,

-6.4328

■ 0.0000, 0.0000,
0.0000

■ 149.9290, 17.2900,
-85.8837

■ 149.9290, 17.2900,
-85.8837

■ 144.1340, 19.6539,
-97.4645

■ 155.7240, 14.9261,
-74.3029

■ 138.0400, 22.1653,
-109.6601

■ 161.8180, 12.4147,
-62.1074

■ 134.0390, 23.6448,
-117.5522

■ 167.6130, 10.0508,
-50.5266

■ 173.4080, 7.6869,
-38.9458

■ 179.2030, 5.3229,
-27.3650

■ 185.4110, 3.2484,
-15.2694

■ 191.2060, 0.8844,
-3.6887

■ 197.0010, -1.4795,
7.8921

■ 203.0950, -3.9908,
20.0877

Harmonies

Analogous

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



159.9000, -5.3737, -49.9013



149.9290, 17.2900, -85.8837



142.0520, 37.4424, -109.6706

Triad

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



149.9290, 17.2900, -85.8837



178.2060, 24.5484, 12.9743



173.5770, -31.8365, 38.0820

Complementary

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



149.9290, 17.2900, -85.8837



95.0710, -17.2900, 85.8837

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.



175.3200, -21.8498, 54.9704



149.9290, 17.2900, -85.8837



178.9080, 9.9054, 43.0537

Square

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



149.9290, 17.2900, -85.8837



172.2980, 34.8561, -26.5713



177.3430, -6.5781, 56.7042



170.7820, -32.9235, 13.3462

Rectangle

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



149.9290, 17.2900, -85.8837



153.7870, 39.5450, -84.0052



177.3430, -6.5781, 56.7042



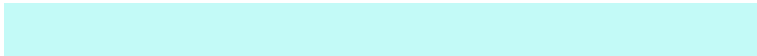
174.4900, -29.8216, 45.1743

Sweetspot

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



149.9290, 17.2900, -85.8837



233.2130, 6.7970, -33.5128



137.4580, -42.1308, -67.0537



114.9050, 3.9908, -20.0877



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



149.9290, 17.2900, -85.8837



182.7380, 26.7512, -133.9512



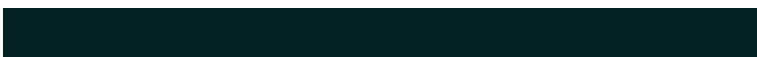
115.0340, 38.4372, -55.2808



93.8960, 1.0373, -6.0478



111.8350, 19.8013, -98.0793



22.9050, 3.9908, -20.0877

Inverse Universe

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



95.0710, -17.2900, 85.8837



97.1480, -27.1880, 134.0512



129.9660, -38.4372, 55.2808



90.1040, -1.0373, 6.0478



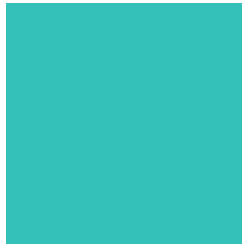
49.1650, -19.8013, 98.0793



10.0950, -3.9908, 20.0877

Previews

White Background



This preview shows how the YUV color 149.9290, 17.2900, -85.8837 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 149.9290, 17.2900, -85.8837 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

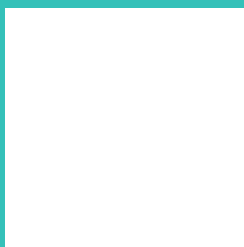
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 149.9290, 17.2900, -85.8837

Background



This preview shows how black text looks on a background with the YUV color 149.9290, 17.2900, -85.8837.

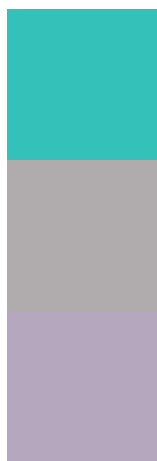


This preview shows how white text looks on a background with the YUV color 149.9290, 17.2900, -85.8837.

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

149.9290, 17.2900, -85.8837

Protanopia

173.3100, -0.1528, 2.3591

Deuteranopia

174.3950, 7.6933, 5.7926



Tritanopia

154.3350, 24.9778, -78.3468

Trichromacy



Original Color

149.9290, 17.2900, -85.8837



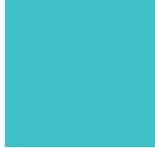
Protanomaly

165.0070, 5.9125, -29.8241



Deuteranomaly

165.3970, 11.1433, -27.5352



Tritanomaly

152.6290, 22.3679, -81.2356

Monochromacy



Original Color

149.9290, 17.2900, -85.8837



Achromatopsia

150.0000, 0.0000, 0.0000



Achromatomaly

150.1100, 6.3548, -31.6685

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.9290, 17.2900, -85.8837 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(52, 193, 185)` looks like.

```
.text, #text, p{  
    color:rgb(52, 193, 185)  
}
```

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(52, 193, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 193, 185) }
```

Border

The CSS property to change the border of an element to YUV 149.9290, 17.2900, -85.8837 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(52, 193, 185) }
```


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

```
.border{ border-color:rgb(52, 193, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 193, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 193, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 193, 185);  
box-shadow:4px 4px 4px 4px rgb(52, 193,  
185) }
```

Background

The CSS property to change the background color of an element to YUV 149.9290, 17.2900, -85.8837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 193, 185) }
```

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

```
.background{ background-color: rgb(52, 193,  
185) }
```

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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