

Converting Colors

YUV(157.7350, 14.9206,
-72.5586)

Have a look what the booklet for
YUV(157.7350, 14.9206, -72.5586)
contains.

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Color

**YUV(157.7350, 14.9206,
-72.5586)**

Conversions

Conversions Part 1

Format	Color
Hex	4BC2BC
RGB	75, 194, 188
RGB Percent	29%, 76%, 74%
CMY	0.7059, 0.2392, 0.2627
CMYK	0.61, 0.00, 0.03, 0.24
HSL	177°, 49%, 53%
HSV	177°, 61%, 76%
XYZ	31.2705, 43.7103, 54.3657
YIQ	157.7350, -68.9980, -27.0940

Conversions

Conversions Part 2

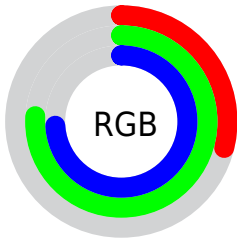
Format	Color
RYB	75, 136, 194
Decimal	4965052
CIELab	72.03, -34.29, -6.88
CIELCh	72, 34.971, 191.351
Yxy	43.7103, 0.2418, 0.3379
Android (android.graphics.Color)	4283155132 (0xFF4BC2BC)
YUV	157.7350, 14.9206, -72.5586
Hunter-Lab	66.1137, -31.2720, -2.4749

Details

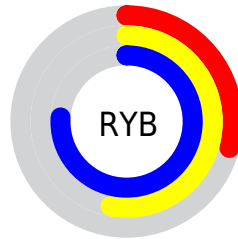
The YUV color **157.7350, 14.9206, -72.5586** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted spring green. A complement of this color would be **111.2650, -14.9206, 72.5586**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.8170, 13.8942, -69.9995**, and **97.5700, 18.4530, -85.5689** is the 20% darker color. If you saturate the color by 10%, you get **151.9400, 17.2846, -84.1394**, and if you desaturate by 10%, it is **163.5300, 12.5567, -60.9778**.

Distribution



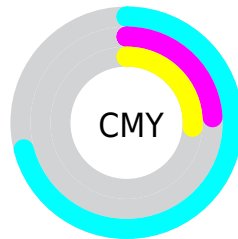
- Red (29%)
- Green (76%)
- Blue (74%)



- Red (29%)
- Yellow (53%)
- Blue (76%)



- Cyan (61%)
- Magenta (0%)
- Yellow (3%)
- Black (24%)



- Cyan (71%)
- Magenta (24%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 157.7350, 14.9206, -72.5586 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 157.7350, 14.9206, -72.5586 by changing the saturation by 10% instead.

■ 157.7350, 14.9206,
-72.5586

■ 157.7350, 14.9206,
-72.5586

255.0000, 0.0000,
0.0000

■ 127.7450, 16.3947,
-78.7064

■ 215.8170, 13.8942,
-69.9995

■ 97.5700, 18.4530,
-85.5689

■ 228.3890, 13.1192,
-54.7152

■ 79.4580, 15.0572,
-69.6847

■ 237.3590, 8.6970,
-36.2718

■ 61.9330, 11.3720,
-54.3152

■ 246.3290, 4.2748,
-17.8285

■ 45.2230, 8.2711,
-39.6606

■ 29.2140, 5.3175,
-25.6207

■ 10.4980, 4.6845,

-9.2067

■ 0.0000, 0.0000,
0.0000

■ 157.7350, 14.9206,
-72.5586

■ 157.7350, 14.9206,
-72.5586

■ 151.9400, 17.2846,
-84.1394

■ 163.5300, 12.5567,
-60.9778

■ 145.8460, 19.7959,
-96.3349

■ 169.6240, 10.0454,
-48.7822

■ 140.0510, 22.1599,
-107.9157

■ 175.4190, 7.6814,
-37.2015

■ 134.8540, 24.2290,
-118.2670

■ 181.5130, 5.1701,
-25.0059

■ 187.3080, 2.8062,
-13.4251

■ 193.1030, 0.4422,
-1.8443

■ 199.1970, -2.0691,
10.3512

■ 204.9920, -4.4331,
21.9320

■ 211.0860, -6.9444,
34.1276

Harmonies

Analogous

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



163.8620, -4.3690, -45.4830



157.7350, 14.9206, -72.5586



156.6920, 30.2248, -81.2909

Triad

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



157.7350, 14.9206, -72.5586



180.5220, 21.9277, 13.5742



176.5380, -29.3522, 34.6082

Complementary

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



157.7350, 14.9206, -72.5586



111.2650, -14.9206, 72.5586

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.



178.5150, -20.9599, 49.5373



157.7350, 14.9206, -72.5586



181.4300, 8.1690, 39.9649

Square

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



157.7350, 14.9206, -72.5586



176.0060, 31.0560, -21.0533



179.4950, -7.1460, 52.1859



173.5690, -29.8605, 10.9020

Rectangle

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



157.7350, 14.9206, -72.5586



162.2190, 34.4020, -67.7211



179.4950, -7.1460, 52.1859



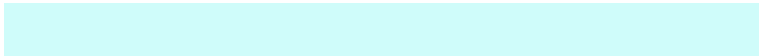
176.7390, -27.4793, 40.5709

Sweetspot

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



157.7350, 14.9206, -72.5586



238.3170, 5.7597, -27.4650



147.2450, -35.6168, -56.3429



119.1010, 3.4012, -17.6286



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.



157.7350, 14.9206, -72.5586



195.3600, 23.4865, -113.4487



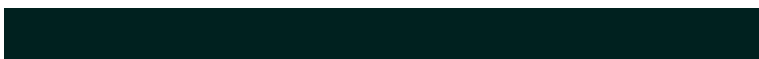
127.8950, 32.5898, -46.3889



93.8960, 1.0373, -6.0478



111.9490, 20.2381, -98.1793



22.9050, 3.9908, -20.0877

Inverse Universe

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



111.2650, -14.9206, 72.5586



122.6400, -23.4865, 113.4487



141.1050, -32.5898, 46.3889



90.1040, -1.0373, 6.0478



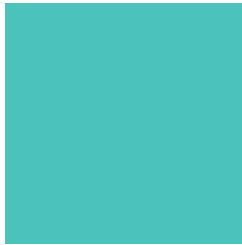
49.0510, -20.2381, 98.1793



10.0950, -3.9908, 20.0877

Previews

White Background



This preview shows how the YUV color 157.7350, 14.9206, -72.5586 looks on a white background.

Color Contrast Check

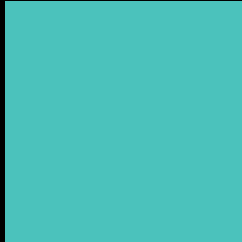
Large Text (above 18pt) WCAG AA × Fail

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 157.7350, 14.9206, -72.5586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

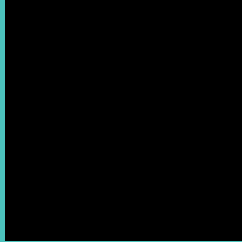
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

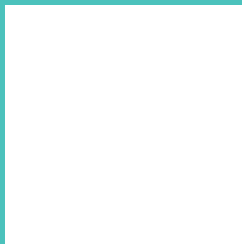
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 157.7350, 14.9206, -72.5586

Background



This preview shows how black text looks on a background with the YUV color 157.7350, 14.9206, -72.5586.



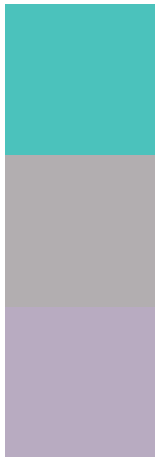
This preview shows how white text looks on a background with the YUV color 157.7350, 14.9206, -72.5586.

-72.5586.

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

157.7350, 14.9206, -72.5586

Protanopia

175.4240, 0.2840, 2.2592

Deuteranopia

177.3950, 7.6933, 5.7926



Tritanopia

160.5320, 22.9087, -67.9956

Trichromacy



Original Color

157.7350, 14.9206, -72.5586

Protanomaly

168.9260, 5.4595, -24.4911

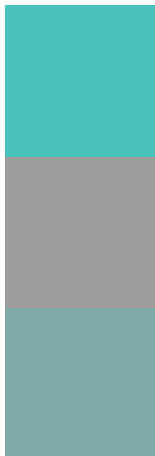
Deuteranomaly

169.9030, 10.4008, -22.7169

Tritanomaly

159.4240, 20.0040, -69.6548

Monochromacy



Original Color

157.7350, 14.9206, -72.5586

Achromatopsia

158.0000, 0.0000, 0.0000

Achromatomaly

157.9150, 5.4649, -26.2355

CSS Examples

Text

The CSS property to change the color of the text to YUV 157.7350, 14.9206, -72.5586 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(75, 194, 188)` looks like.

```
.text, #text, p{  
    color:rgb(75, 194, 188)  
}
```

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(75, 194, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 194, 188) }
```

Border

The CSS property to change the border of an element to YUV 157.7350, 14.9206, -72.5586 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(75, 194, 188) }
```


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

```
.border{ border-color:rgb(75, 194, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 194, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 194, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 194, 188);  
box-shadow:4px 4px 4px 4px rgb(75, 194,  
188) }
```

Background

The CSS property to change the background color of an element to YUV 157.7350, 14.9206, -72.5586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 194, 188) }
```

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

```
.background{ background-color: rgb(75, 194,  
188) }
```

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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