

Converting Colors

YUV(157.0650, 14.2650,
-95.6500)

Have a look what the booklet for
YUV(157.0650, 14.2650, -95.6500)
contains.

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Color

**YUV(157.0650, 14.2650,
-95.6500)**

Conversions

Conversions Part 1

Format	Color
Hex	30CFBA
RGB	48, 207, 186
RGB Percent	19%, 81%, 73%
CMY	0.8118, 0.1882, 0.2706
CMYK	0.77, 0.00, 0.10, 0.19
HSL	172°, 62%, 50%
HSV	172°, 77%, 81%
XYZ	32.3947, 48.7992, 54.1662
YIQ	157.0650, -88.0230, -40.2390

Conversions

Conversions Part 2

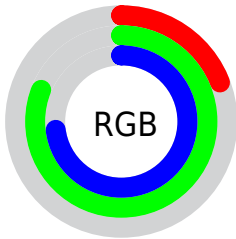
Format	Color
RYB	48, 133, 207
Decimal	3198906
CIELab	75.33, -44.39, -1.01
CIELCh	75, 44.399, 181.307
Yxy	48.7992, 0.2393, 0.3605
Android (android.graphics.Color)	4281388986 (0xFF30CFBA)
YUV	157.0650, 14.2650, -95.6500
Hunter-Lab	69.8564, -39.4725, 2.9264

Details

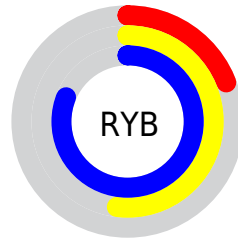
The YUV color **157.0650, 14.2650, -95.6500** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle muted spring green. A complement of this color would be **97.9350, -14.2650, 95.6500**, and the grayscale version is **157.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.1530, 14.2216, -81.6952**, and **104.3860, 14.1067, -91.5465** is the 20% darker color. If you saturate the color by 10%, you get **150.4440, 16.0501, -108.2604**, and if you desaturate by 10%, it is **163.6860, 12.4798, -83.0396**.

Distribution



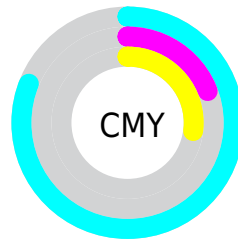
- Red (19%)
- Green (81%)
- Blue (73%)



- Red (19%)
- Yellow (52%)
- Blue (81%)



- Cyan (77%)
- Magenta (0%)
- Yellow (10%)
- Black (19%)



- Cyan (81%)
- Magenta (19%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 157.0650, 14.2650, -95.6500 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 157.0650, 14.2650, -95.6500 by changing the saturation by 10% instead.

■ 157.0650, 14.2650,
-95.6500

■ 157.0650, 14.2650,
-95.6500

■ 255.0000, 0.0000,
0.0000

■ 123.1990, 17.6499,
-108.0455

■ 213.1530, 14.2216,
-81.6952

■ 104.3860, 14.1067,
-91.5465

■ 224.2030, 15.1829,
-63.3220

■ 85.6870, 11.0003,
-75.1475

■ 233.1730, 10.7607,
-44.8787

■ 67.6890, 8.0413,
-59.3633

■ 242.4420, 6.1911,
-25.8206

■ 50.3920, 5.2297,
-44.1938

■ 251.7110, 1.6215,
-6.7625

■ 34.3830, 2.2762,
-30.1539

■ 18.6020, 0.1962,

-16.3140

■ 0.0000, 0.0000,
0.0000

■ 157.0650, 14.2650,
-95.6500

■ 157.0650, 14.2650,
-95.6500

■ 150.4440, 16.0501,
-108.2604

■ 163.6860, 12.4798,
-83.0396

■ 144.2360, 18.1247,
-120.3560

■ 169.8940, 10.4053,
-70.9440

■ 142.0290, 18.7197,
-124.5594

■ 176.5150, 8.6201,
-58.3337

■ 183.1360, 6.8350,
-45.7233

■ 189.7570, 5.0498,
-33.1129

■ 195.9650, 2.9753,
-21.0173

■ 202.5860, 1.1901,
-8.4069

■ 209.2070, -0.5951,
4.2035

■ 215.5290, -2.2328,
16.1991

Harmonies

Analogous

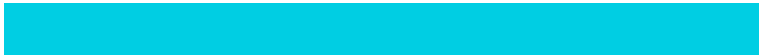
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



171.2610, -12.9467, -47.5869



157.0650, 14.2650, -95.6500



146.8000, 39.5386, -128.7436

Triad

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



157.0650, 14.2650, -95.6500



188.6160, 32.7273, 2.9678



184.9700, -34.4952, 50.8923

Complementary

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



157.0650, 14.2650, -95.6500



97.9350, -14.2650, 95.6500

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.



184.9340, -19.6875, 61.4479



157.0650, 14.2650, -95.6500



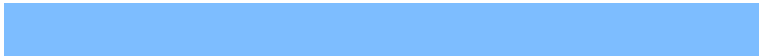
190.8460, 17.3309, 41.3541

Square

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



157.0650, 14.2650, -95.6500



177.3880, 38.2627, -45.9443



187.1460, -1.0580, 59.5080



182.4260, -39.6500, 24.1824

Rectangle

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



157.0650, 14.2650, -95.6500



147.4330, 49.5795, -129.2987



187.1460, -1.0580, 59.5080



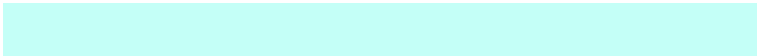
185.9260, -31.0225, 57.0699

Sweetspot

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



157.0650, 14.2650, -95.6500



236.4470, 5.2026, -35.4720



147.6120, -49.1087, -68.9427



116.6660, 3.1227, -21.6321



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.



157.0650, 14.2650, -95.6500



181.2010, 21.0999, -141.3733



125.4130, 40.2224, -67.8912



101.4830, 0.7479, -6.5626



115.2600, 15.1548, -101.0830



28.0570, 3.4229, -24.6060

Inverse Universe

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



97.9350, -14.2650, 95.6500



93.7990, -21.0999, 141.3733



129.5870, -40.2224, 67.8912



97.4030, -1.1847, 6.6626



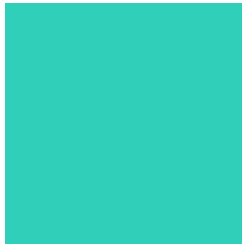
52.7400, -15.1548, 101.0830



12.8290, -3.8597, 24.7060

Previews

White Background



This preview shows how the YUV color 157.0650, 14.2650, -95.6500 looks on a white background.

Color Contrast Check

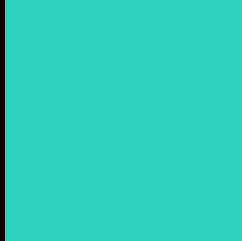
Large Text (above 18pt) WCAG AA × Fail

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 157.0650, 14.2650, -95.6500 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

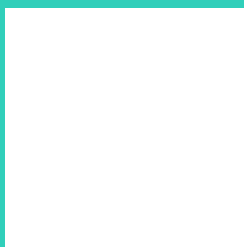
Any Text WCAG AAA ✓ Pass

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

YUV 157.0650, 14.2650, -95.6500 Background



This preview shows how black text looks on a background with the YUV color 157.0650, 14.2650, -95.6500.



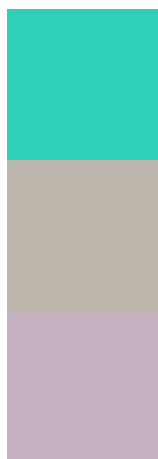
This preview shows how white text looks on a background with the YUV color 157.0650, 14.2650, -95.6500.

-95.6500.

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

157.0650, 14.2650, -95.6500

Protanopia

183.9530, -5.3998, 5.3032

Deuteranopia

185.5760, 3.1670, 10.8958



Tritanopia

164.1710, 27.0307, -83.4650

Trichromacy



Original Color

157.0650, 14.2650, -95.6500



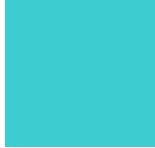
Protanomaly

174.2580, 1.8448, -31.7983



Deuteranomaly

175.3600, 7.2175, -28.3797



Tritanomaly

161.5850, 22.3896, -88.2130

Monochromacy



Original Color

157.0650, 14.2650, -95.6500



Achromatopsia

157.0000, 0.0000, 0.0000



Achromatomaly

156.8600, 5.4920, -34.9572

CSS Examples

Text

The CSS property to change the color of the text to YUV 157.0650, 14.2650, -95.6500 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(48, 207, 186)` looks like.

```
.text, #text, p{  
    color:rgb(48, 207, 186)  
}
```

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(48, 207, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 207, 186) }
```

Border

The CSS property to change the border of an element to YUV 157.0650, 14.2650, -95.6500 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(48, 207, 186) }
```


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

```
.border{ border-color:rgb(48, 207, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 207, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 207, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 207, 186);  
box-shadow:4px 4px 4px 4px rgb(48, 207,  
186) }
```

Background

The CSS property to change the background color of an element to YUV 157.0650, 14.2650, -95.6500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 207, 186) }
```

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

```
.background{ background-color: rgb(48, 207,  
186) }
```

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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