

Converting Colors

YUV(162.8690, 14.8546,
-98.1091)

Have a look what the booklet for
YUV(162.8690, 14.8546, -98.1091)
contains.

YUV(162.8690, 14.8546, -98.1091)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(162.8690, 14.8546,
-98.1091)**

Conversions

Conversions Part 1

Format	Color
Hex	33D6C1
RGB	51, 214, 193
RGB Percent	20%, 84%, 76%
CMY	0.8000, 0.1608, 0.2431
CMYK	0.76, 0.00, 0.10, 0.16
HSL	172°, 67%, 52%
HSV	172°, 76%, 84%
XYZ	35.0374, 52.6472, 58.7673
YIQ	162.8690, -90.4070, -41.0870

Conversions

Conversions Part 2

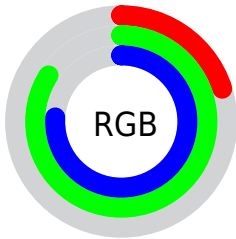
Format	Color
RYB	51, 138, 214
Decimal	3397313
CIELab	77.67, -45.22, -1.34
CIELCh	78, 45.244, 181.703
Yxy	52.6472, 0.2392, 0.3595
Android (android.graphics.Color)	4281587393 (0xFF33D6C1)
YUV	162.8690, 14.8546, -98.1091
Hunter-Lab	72.5584, -40.7820, 2.7700

Details

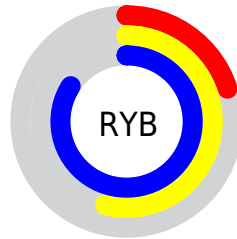
The YUV color **162.8690, 14.8546, -98.1091** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light muted cyan. A complement of this color would be **102.1310, -14.8546, 98.1091**, and the grayscale version is **163.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.8480, 16.8369, -80.5507**, and **108.7060, 15.4279, -95.3352** is the 20% darker color. If you saturate the color by 10%, you get **156.2480, 16.6397, -110.7195**, and if you desaturate by 10%, it is **169.4900, 13.0694, -85.4987**.

Distribution



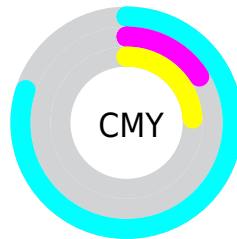
- Red (20%)
- Green (84%)
- Blue (76%)



- Red (20%)
- Yellow (54%)
- Blue (84%)



- Cyan (76%)
- Magenta (0%)
- Yellow (10%)
- Black (16%)



- Cyan (80%)
- Magenta (16%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 162.8690, 14.8546, -98.1091 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 162.8690, 14.8546, -98.1091 by changing the saturation by 10% instead.

■ 162.8690, 14.8546,
-98.1091

■ 162.8690, 14.8546,
-98.1091

■ 255.0000, 0.0000,
0.0000

■ 128.1060, 18.6817,
-112.3490

■ 214.8480, 16.8369,
-80.5507

■ 108.7060, 15.4279,
-95.3352

■ 225.1000, 14.7407,
-61.4777

■ 90.4800, 11.5954,
-79.3510

■ 234.3690, 10.1711,
-42.4196

■ 72.4820, 8.6364,
-63.5667

■ 243.6380, 5.6015,
-23.3615

■ 54.4840, 5.6774,
-47.7825

■ 252.9070, 1.0318,
-4.3034

■ 37.8880, 3.0132,
-33.2278

■ 22.6940, 0.6439,

-19.9026

■ 0.0000, 0.0000,
0.0000

■ 162.8690, 14.8546,
-98.1091

■ 162.8690, 14.8546,
-98.1091

■ 156.2480, 16.6397,
-110.7195

■ 169.4900, 13.0694,
-85.4987

■ 149.3280, 18.5723,
-123.9447

■ 176.4100, 11.1369,
-72.2736

■ 146.8220, 19.3148,
-128.7629

■ 182.9170, 8.9149,
-59.5632

■ 189.8370, 6.9824,
-46.3380

■ 196.4580, 5.1972,
-33.7277

■ 203.0790, 3.4121,
-21.1173

■ 209.8850, 1.0427,
-7.7921

■ 216.5060, -0.7425,
4.8182

■ 223.4260, -2.6750,
18.0434

Harmonies

Analogous

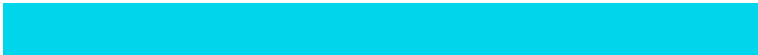
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



177.2500, -12.9413, -49.3312



162.8690, 14.8546, -98.1091



151.8210, 41.0072, -133.1470

Triad

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



162.8690, 14.8546, -98.1091



194.2310, 29.9591, 4.1824



191.9270, -35.9530, 51.8070

Complementary

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



162.8690, 14.8546, -98.1091



102.1310, -14.8546, 98.1091

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.



189.0260, -19.2398, 57.8592



162.8690, 14.8546, -98.1091



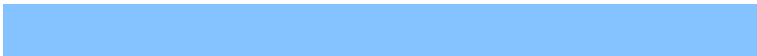
197.4440, 17.0361, 42.5836

Square

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



162.8690, 14.8546, -98.1091



183.0030, 35.4945, -44.7296



190.7650, 0.1159, 56.3341



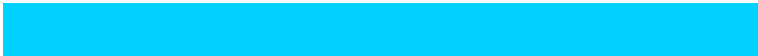
188.3120, -40.0868, 24.2824

Rectangle

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



162.8690, 14.8546, -98.1091



151.7530, 50.9008, -133.0874



190.7650, 0.1159, 56.3341



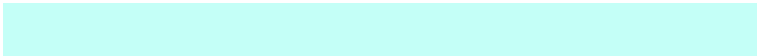
191.2140, -31.1645, 55.9403

Sweetspot

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



162.8690, 14.8546, -98.1091



236.4470, 5.2026, -35.4720



153.2590, -50.4137, -70.3871



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.



162.8690, 14.8546, -98.1091



182.2120, 21.0945, -139.6289



130.0430, 41.3908, -69.3207



103.5970, 1.1847, -6.6626



117.3630, 15.5970, -102.9274



29.5730, 4.1545, -25.9355

Inverse Universe

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



102.1310, -14.8546, 98.1091



95.7880, -21.0945, 139.6289



134.9570, -41.3908, 69.3207



99.5170, -0.7479, 6.5626



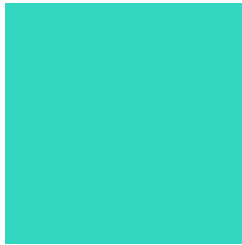
53.6370, -15.5970, 102.9274



13.5410, -3.7177, 25.8355

Previews

White Background



This preview shows how the YUV color 162.8690, 14.8546, -98.1091 looks on a white background.

Color Contrast Check

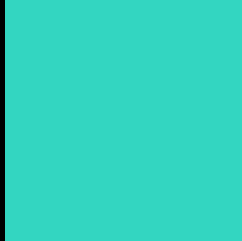
Large Text (above 18pt) WCAG AA × Fail

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 162.8690, 14.8546, -98.1091 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

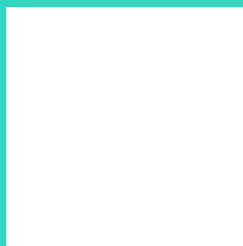
Any Text WCAG AAA ✓ Pass

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

YUV 162.8690, 14.8546, -98.1091 Background



This preview shows how black text looks on a background with the YUV color 162.8690, 14.8546, -98.1091.

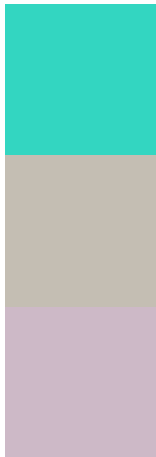


This preview shows how white text looks on a background with the YUV color 162.8690, 14.8546, -98.1091.

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

162.8690, 14.8546, -98.1091

Protanopia

190.5400, -5.6892, 4.7884

Deuteranopia

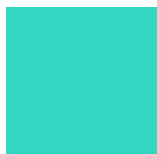
192.5760, 3.1670, 10.8958



Tritanopia

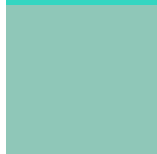
169.9750, 27.6203, -85.9241

Trichromacy



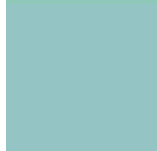
Original Color

162.8690, 14.8546, -98.1091



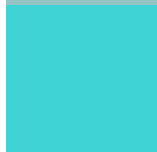
Protanomaly

180.5460, 1.7028, -32.9278



Deuteranomaly

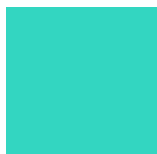
182.0610, 7.3649, -28.9945



Tritanomaly

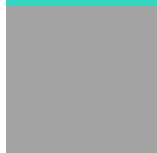
167.3890, 22.9792, -90.6722

Monochromacy



Original Color

162.8690, 14.8546, -98.1091



Achromatopsia

163.0000, 0.0000, 0.0000



Achromatomaly

163.1480, 5.3500, -36.0868

CSS Examples

Text

The CSS property to change the color of the text to YUV 162.8690, 14.8546, -98.1091 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, 214, 193)` looks like.

```
.text, #text, p{  
    color:rgb(51, 214, 193)  
}
```

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, 214, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 214, 193) }
```

Border

The CSS property to change the border of an element to YUV 162.8690, 14.8546, -98.1091 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, 214, 193) }
```


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

```
.border{ border-color:rgb(51, 214, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 214, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 214, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 214, 193);  
box-shadow:4px 4px 4px 4px rgb(51, 214,  
193) }
```

Background

The CSS property to change the background color of an element to YUV 162.8690, 14.8546, -98.1091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 214, 193) }
```

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

```
.background{ background-color: rgb(51, 214,  
193) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor