

Converting Colors

YUV(157.1770, 21.1117,
-98.3792)

Have a look what the booklet for
YUV(157.1770, 21.1117, -98.3792)
contains.

YUV(157.1770, 21.1117, -98.3792)	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(157.1770, 21.1117,
-98.3792)**

Conversions

Conversions Part 1

Format	Color
Hex	2DCEC8
RGB	45, 206, 200
RGB Percent	18%, 81%, 78%
CMY	0.8235, 0.1922, 0.2157
CMYK	0.78, 0.00, 0.03, 0.19
HSL	178°, 64%, 49%
HSV	178°, 78%, 81%
XYZ	33.5788, 48.8706, 62.3068
YIQ	157.1770, -94.0300, -35.9980

Conversions

Conversions Part 2

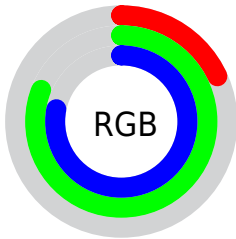
Format	Color
RYB	45, 127, 206
Decimal	3002056
CIELab	75.37, -40.38, -8.51
CIELCh	75, 41.262, 191.899
Yxy	48.8706, 0.2320, 0.3376
Android (android.graphics.Color)	4281192136 (0xFF2DCEC8)
YUV	157.1770, 21.1117, -98.3792
Hunter-Lab	69.9075, -36.5989, -3.9084

Details

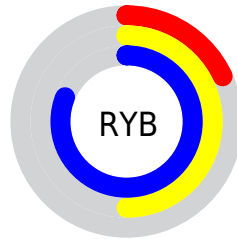
The YUV color **157.1770, 21.1117, -98.3792** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle muted cyan. A complement of this color would be **93.8230, -21.1117, 98.3792**, and the grayscale version is **157.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.6350, 19.8999, -82.9949**, and **105.2810, 20.0745, -92.3314** is the 20% darker color. If you saturate the color by 10%, you get **150.7840, 23.7705, -111.1896**, and if you desaturate by 10%, it is **163.5700, 18.4530, -85.5689**.

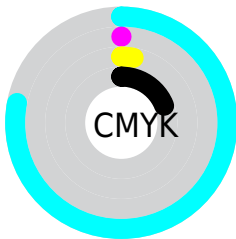
Distribution



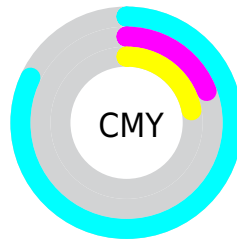
- Red (18%)
- Green (81%)
- Blue (78%)



- Red (18%)
- Yellow (50%)
- Blue (81%)



- Cyan (78%)
- Magenta (0%)
- Yellow (3%)
- Black (19%)



- Cyan (82%)
- Magenta (19%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 157.1770, 21.1117, -98.3792 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 157.1770, 21.1117, -98.3792 by changing the saturation by 10% instead.

■ 157.1770, 21.1117,
-98.3792

■ 157.1770, 21.1117,
-98.3792

■ 255.0000, 0.0000,
0.0000

■ 124.2080, 24.0545,
-108.9304

■ 214.6350, 19.8999,
-82.9949

■ 105.2810, 20.0745,
-92.3314

■ 223.9040, 15.3303,
-63.9368

■ 86.4680, 16.5313,
-75.8324

■ 233.1730, 10.7607,
-44.8787

■ 69.0570, 13.2829,
-60.5630

■ 242.4420, 6.1911,
-25.8206

■ 51.6460, 10.0345,
-45.2935

■ 251.7110, 1.6215,
-6.7625

■ 35.0500, 7.3704,
-30.7388

■ 19.7420, 4.5642,

-17.3137

■ 0.1140, 0.4368,
-0.1000

■ 0.0000, 0.0000,
0.0000

■ 157.1770, 21.1117,
-98.3792

■ 157.1770, 21.1117,
-98.3792

■ 150.7840, 23.7705,
-111.1896

■ 163.5700, 18.4530,
-85.5689

■ 144.6900, 26.2818,
-123.3851

■ 169.6640, 15.9416,
-73.3733

■ 143.4940, 26.8715,
-125.8442

■ 175.9430, 12.8461,
-60.4630

■ 182.0370, 10.3348,
-48.2674

 188.4300, 7.6760,
-35.4571

 194.8230, 5.0173,
-22.6468

 200.8030, 2.0691,
-10.3512

 207.1960, -0.5896,
2.4591

 213.2900, -3.1010,
14.6547

Harmonies

Analogous

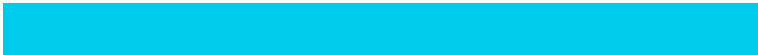
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



169.4970, -4.1890, -56.5639



157.1770, 21.1117, -98.3792



145.9510, 43.9012, -127.9990

Triad

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



157.1770, 21.1117, -98.3792



189.8690, 25.7006, 16.7779



184.4910, -34.7521, 39.9114

Complementary

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



157.1770, 21.1117, -98.3792



93.8230, -21.1117, 98.3792

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.



186.9460, -24.6234, 57.9294



157.1770, 21.1117, -98.3792



190.5280, 9.5997, 47.7719

Square

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



157.1770, 21.1117, -98.3792



183.4230, 35.2875, -24.9270



187.4250, -7.6045, 59.2633



181.5000, -35.2495, 12.7165

Rectangle

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



157.1770, 21.1117, -98.3792



163.7800, 43.4925, -90.1381



187.4250, -7.6045, 59.2633



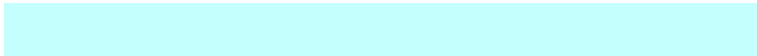
185.7030, -32.8846, 47.6185

Sweetspot

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



157.1770, 21.1117, -98.3792



237.1310, 7.8234, -36.0719



141.8990, -47.7712, -77.9644



117.0080, 4.4331, -21.9320



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.



157.1770, 21.1117, -98.3792



182.2140, 31.4465, -146.6467



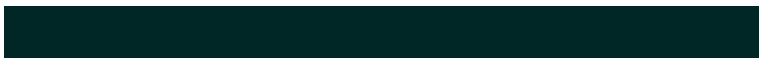
115.5970, 44.5687, -61.9136



99.0100, 1.4741, -6.1478



115.6820, 21.8488, -101.4531



26.5240, 5.1647, -23.2615

Inverse Universe

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



93.8230, -21.1117, 98.3792



87.7860, -31.4465, 146.6467



135.4030, -44.5687, 61.9136



94.9900, -1.4741, 6.1478



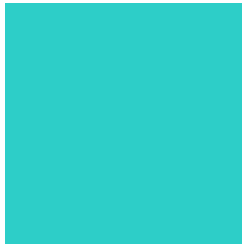
50.3180, -21.8488, 101.4531



11.4760, -5.1647, 23.2615

Previews

White Background



This preview shows how the YUV color 157.1770, 21.1117, -98.3792 looks on a white background.

Color Contrast Check

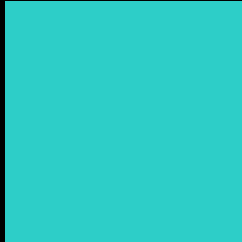
Large Text (above 18pt) WCAG AA × Fail

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 157.1770, 21.1117, -98.3792 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

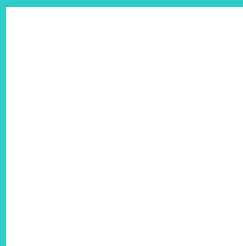
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 157.1770, 21.1117, -98.3792

Background



This preview shows how black text looks on a background with the YUV color 157.1770, 21.1117, -98.3792.



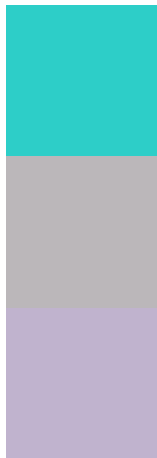
This preview shows how white text looks on a background with the YUV color 157.1770, 21.1117, -98.3792.

-98.3792.

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

157.1770, 21.1117, -98.3792

Protanopia

184.5380, 0.7208, 2.1592

Deuteranopia

185.9650, 9.8773, 5.2927



Tritanopia

162.1810, 28.5048, -89.6127

Trichromacy



Original Color

157.1770, 21.1117, -98.3792



Protanomaly

174.2560, 8.2548, -34.4275



Deuteranomaly

175.7600, 13.9223, -32.2385



Tritanomaly

160.4750, 25.8948, -92.5016

Monochromacy



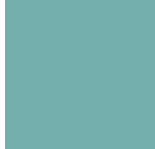
Original Color

157.1770, 21.1117, -98.3792



Achromatopsia

157.0000, 0.0000, 0.0000



Achromatomaly

157.1310, 7.8234, -36.0719

CSS Examples

Text

The CSS property to change the color of the text to YUV 157.1770, 21.1117, -98.3792 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(45, 206, 200)` looks like.

```
.text, #text, p{  
    color:rgb(45, 206, 200)  
}
```

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(45, 206, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 206, 200) }
```

Border

The CSS property to change the border of an element to YUV 157.1770, 21.1117, -98.3792 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(45, 206, 200) }
```


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

```
.border{ border-color:rgb(45, 206, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 206, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 206, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 206, 200);  
box-shadow:4px 4px 4px 4px rgb(45, 206,  
200) }
```

Background

The CSS property to change the background color of an element to YUV 157.1770, 21.1117, -98.3792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 206, 200) }
```

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

```
.background{ background-color: rgb(45, 206,  
200) }
```

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