

Converting Colors

YUV(174.4340, 14.5760,
-102.1126)

Have a look what the booklet for
YUV(174.4340, 14.5760, -102.1126)
contains.

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Color

**YUV(174.4340, 14.5760,
-102.1126)**

Conversions

Conversions Part 1

Format	Color
Hex	3AE4CC
RGB	58, 228, 204
RGB Percent	23%, 89%, 80%
CMY	0.7725, 0.1059, 0.2000
CMYK	0.75, 0.00, 0.11, 0.11
HSL	172°, 76%, 56%
HSV	172°, 75%, 89%
XYZ	40.3874, 60.7460, 66.7233
YIQ	174.4340, -93.6160, -43.5040

Conversions

Conversions Part 2

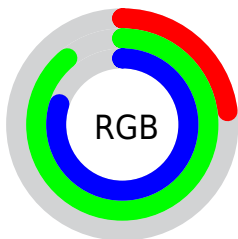
Format	Color
RYB	58, 149, 228
Decimal	3859660
CIELab	82.24, -47.56, -0.49
CIELCh	82, 47.559, 180.596
Yxy	60.7460, 0.2406, 0.3619
Android (android.graphics.Color)	4282049740 (0xFF3AE4CC)
YUV	174.4340, 14.5760, -102.1126
Hunter-Lab	77.9397, -43.8980, 3.8003

Details

The YUV color **174.4340, 14.5760, -102.1126** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **111.5660, -14.5760, 102.1126**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.6250, 18.4259, -76.8471**, and **118.0640, 15.7444, -103.5421** is the 20% darker color. If you saturate the color by 10%, you get **167.2150, 16.6560, -115.9526**, and if you desaturate by 10%, it is **181.6530, 12.4961, -88.2727**.

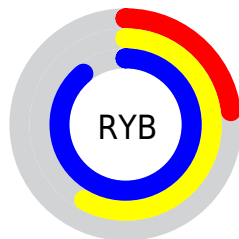
Distribution



Red (23%)

Green (89%)

Blue (80%)



Red (23%)

Yellow (58%)

Blue (89%)

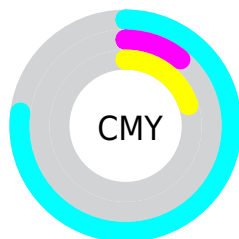


Cyan (75%)

Magenta (0%)

Yellow (11%)

Black (11%)



Cyan (77%)

Magenta (11%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.4340, 14.5760, -102.1126 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 174.4340, 14.5760, -102.1126 by changing the saturation by 10% instead.

174.4340, 14.5760,
-102.1126

174.4340, 14.5760,
-102.1126

255.0000, 0.0000,
0.0000

136.9910, 19.7244,
-120.1411

217.6250, 18.4259,
-76.8471

118.0640, 15.7444,
-103.5421

227.1930, 13.7089,
-57.1743

98.6640, 12.4906,
-86.5283

236.4620, 9.1392,
-38.1162

80.5520, 9.0949,
-70.6441

246.0300, 4.4222,
-18.4433

62.6680, 6.5727,
-54.9598

45.9580, 3.4717,
-40.3052

30.0630, 0.9549,

-26.3653

■ 9.8310, -0.4097,
-8.6218

■ 0.0000, 0.0000,
0.0000

■ 174.4340, 14.5760,
-102.1126

■ 174.4340, 14.5760,
-102.1126

■ 167.2150, 16.6560,
-115.9526

■ 181.6530, 12.4961,
-88.2727

■ 159.9960, 18.7360,
-129.7925

■ 188.8720, 10.4161,
-74.4327

■ 156.1800, 19.6313,
-136.9699

■ 195.9060, 8.9203,
-61.3076

■ 203.1250, 6.8404,
-47.4676

■ 210.3440, 4.7604,
-33.6277

■ 217.5630, 2.6804,
-19.7878

■ 224.8960, 1.0373,
-6.0478

■ 231.8160, -0.8953,
7.1774

■ 236.6430, -1.7960,
16.0991

Harmonies

Analogous

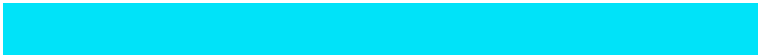
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



188.7830, -14.6830, -50.6757



174.4340, 14.5760, -102.1126



161.6350, 43.0709, -141.7539

Triad

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



174.4340, 14.5760, -102.1126



205.1510, 24.5756, 4.2526



200.6060, -35.7948, 47.7035

Complementary

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



174.4340, 14.5760, -102.1126



111.5660, -14.5760, 102.1126

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.



196.1500, -17.3289, 51.6115



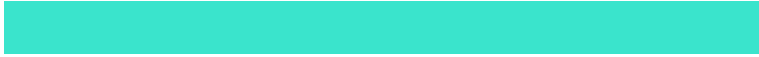
174.4340, 14.5760, -102.1126



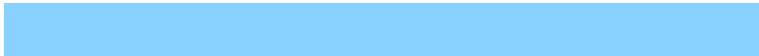
208.5300, 19.9517, 40.7542

Square

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



174.4340, 14.5760, -102.1126



192.7160, 30.7060, -48.8629



198.8180, 3.0477, 49.2716



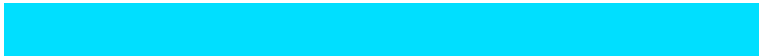
200.9380, -42.8604, 27.2414

Rectangle

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



174.4340, 14.5760, -102.1126



159.9710, 46.8493, -140.2946



198.8180, 3.0477, 49.2716



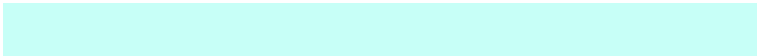
198.1100, -30.1272, 49.8925

Sweetspot

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



174.4340, 14.5760, -102.1126



237.3440, 4.7604, -33.6277



165.2650, -52.8816, -72.1464



117.2640, 2.8278, -20.4025



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.



174.4340, 14.5760, -102.1126



183.4790, 19.4839, -136.3551



142.5370, 42.1333, -74.1389



111.1840, 0.8953, -7.1774



122.5150, 15.0291, -107.4457



34.9530, 4.4602, -30.6538

Inverse Universe

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



111.5660, -14.5760, 102.1126



99.5210, -19.4839, 136.3551



143.4630, -42.1333, 74.1389



106.8160, -0.8953, 7.1774



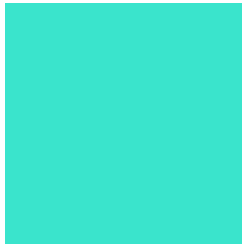
56.3710, -15.4659, 107.5456



16.0470, -4.4602, 30.6538

Previews

White Background



This preview shows how the YUV color 174.4340, 14.5760, -102.1126 looks on a white background.

Color Contrast Check

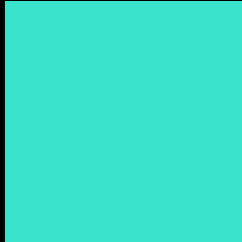
Large Text (above 18pt) WCAG AA × Fail

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 174.4340, 14.5760, -102.1126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

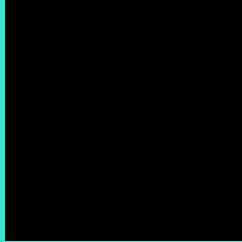
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

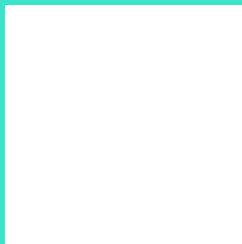
Any Text WCAG AAA ✓ Pass

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

YUV 174.4340, 14.5760, -102.1126 Background



This preview shows how black text looks on a background with the YUV color 174.4340, 14.5760, -102.1126.



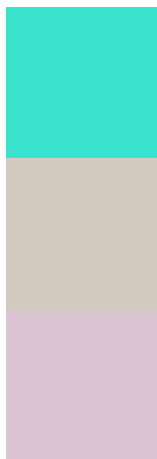
This preview shows how white text looks on a background with the YUV color 174.4340, 14.5760, -102.1126.

-102.1126.

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

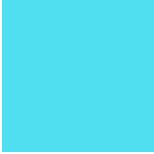
174.4340, 14.5760, -102.1126

Protanopia

203.0240, -6.4208, 6.1180

Deuteranopia

205.1740, 2.8722, 12.1254



Tritanopia

182.2950, 28.9416, -89.7127

Trichromacy



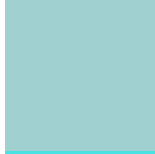
Original Color

174.4340, 14.5760, -102.1126



Protanomaly

192.4320, 1.2660, -32.8279



Deuteranomaly

193.6480, 7.0755, -29.5093



Tritanomaly

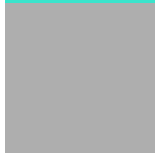
179.5950, 23.8637, -94.3608

Monochromacy



Original Color

174.4340, 14.5760, -102.1126



Achromatopsia

174.0000, 0.0000, 0.0000



Achromatomaly

174.4360, 5.2081, -37.2164

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.4340, 14.5760, -102.1126 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(58, 228, 204)` looks like.

```
.text, #text, p{  
    color:rgb(58, 228, 204)  
}
```

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(58, 228, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 228, 204) }
```

Border

The CSS property to change the border of an element to YUV 174.4340, 14.5760, -102.1126 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(58, 228, 204) }
```


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

```
.border{ border-color:rgb(58, 228, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 228, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 228, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 228, 204);  
box-shadow:4px 4px 4px 4px rgb(58, 228,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 174.4340, 14.5760, -102.1126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 228, 204) }
```

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

```
.background{ background-color: rgb(58, 228,  
204) }
```

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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