

Converting Colors

YUV(175.0440, 16.2473,
-78.0916)

Have a look what the booklet for
YUV(175.0440, 16.2473, -78.0916)
contains.

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Color

**YUV(175.0440, 16.2473,
-78.0916)**

Conversions

Conversions Part 1

Format	Color
Hex	56D6D0
RGB	86, 214, 208
RGB Percent	34%, 84%, 82%
CMY	0.6627, 0.1608, 0.1843
CMYK	0.60, 0.00, 0.03, 0.16
HSL	177°, 61%, 59%
HSV	177°, 60%, 84%
XYZ	39.2695, 54.6256, 68.1486
YIQ	175.0440, -74.3620, -29.0020

Conversions

Conversions Part 2

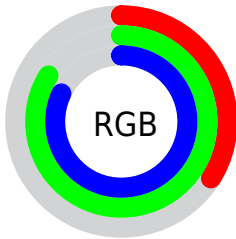
Format	Color
RYB	86, 152, 214
Decimal	5691088
CIELab	78.83, -36.33, -7.59
CIELCh	79, 37.113, 191.796
Yxy	54.6256, 0.2423, 0.3371
Android (android.graphics.Color)	4283881168 (0xFF56D6D0)
YUV	175.0440, 16.2473, -78.0916
Hunter-Lab	73.9092, -34.5002, -2.9325

Details

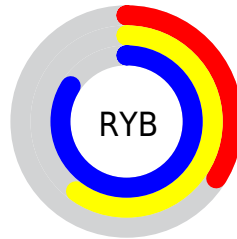
The YUV color **175.0440, 16.2473, -78.0916** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **124.9560, -16.2473, 78.0916**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.0070, 15.7725, -65.7811**, and **110.8890, 21.2537, -97.2497** is the 20% darker color. If you saturate the color by 10%, you get **168.6510, 18.9061, -90.9019**, and if you desaturate by 10%, it is **181.4370, 13.5886, -65.2812**.

Distribution



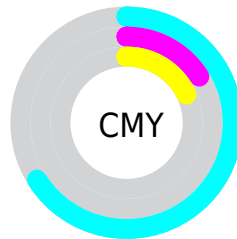
- Red (34%)
- Green (84%)
- Blue (82%)



- Red (34%)
- Yellow (60%)
- Blue (84%)



- Cyan (60%)
- Magenta (0%)
- Yellow (3%)
- Black (16%)



- Cyan (66%)
- Magenta (16%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 175.0440, 16.2473, -78.0916 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 175.0440, 16.2473, -78.0916 by changing the saturation by 10% instead.

■ 175.0440, 16.2473,
-78.0916

■ 175.0440, 16.2473,
-78.0916

■ 255.0000, 0.0000,
0.0000

■ 144.6520, 17.4266,
-83.0098

■ 223.0070, 15.7725,
-65.7811

■ 110.8890, 21.2537,
-97.2497

■ 231.9770, 11.3503,
-47.3378

■ 92.0760, 17.7105,
-80.7507

■ 240.9470, 6.9281,
-28.8945

■ 73.9640, 14.3147,
-64.8664

■ 250.2160, 2.3585,
-9.8364

■ 56.5530, 11.0664,
-49.5970

■ 40.4300, 7.6760,
-35.4571

■ 25.7090, 4.5805,

-22.5468

■ 2.0690, 5.3890,
-1.8145

■ 0.0000, 0.0000,
0.0000

■ 175.0440, 16.2473,
-78.0916

■ 175.0440, 16.2473,
-78.0916

■ 168.6510, 18.9061,
-90.9019

■ 181.4370, 13.5886,
-65.2812

■ 161.9590, 21.7122,
-104.3270

■ 188.1290, 10.7824,
-51.8561

■ 155.5660, 24.3710,
-117.1374

■ 194.5220, 8.1237,
-39.0458

■ 148.8740, 27.1771,
-130.5625

■ 201.2140, 5.3175,
-25.6207

■ 207.6070, 2.6587,
-12.8103

■ 214.0000, 0.0000,
0.0000

■ 220.6920, -2.8062,
13.4251

■ 226.4870, -5.1701,
25.0059

■ 226.6010, -4.7333,
24.9059

Harmonies

Analogous

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



181.4270, -4.6475, -49.4865



175.0440, 16.2473, -78.0916



173.6420, 32.7145, -86.5090

Triad

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



175.0440, 16.2473, -78.0916



199.2880, 23.5220, 15.5334



194.8650, -31.9784, 36.9524

Complementary

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



175.0440, 16.2473, -78.0916



124.9560, -16.2473, 78.0916

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.



196.1840, -22.2757, 51.5816



175.0440, 16.2473, -78.0916



200.5660, 8.5950, 43.3536

Square

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



175.0440, 16.2473, -78.0916



193.4790, 30.3299, -21.4681



196.3100, -6.5618, 51.4711



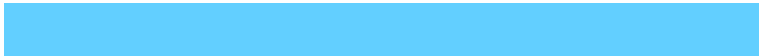
191.4120, -31.7551, 11.9167

Rectangle

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



175.0440, 16.2473, -78.0916



179.8810, 37.0337, -71.8096



196.3100, -6.5618, 51.4711



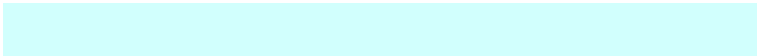
195.4790, -29.8161, 43.4299

Sweetspot

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



175.0440, 16.2473, -78.0916



241.0180, 5.9071, -28.0798



162.9300, -37.9265, -62.2056



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.



175.0440, 16.2473, -78.0916



198.9580, 23.1917, -112.2192



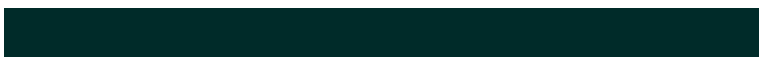
141.6820, 35.6528, -48.8331



103.7110, 1.6215, -6.7625



118.9590, 21.7122, -104.3270



29.9150, 5.4649, -26.2355

Inverse Universe

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



124.9560, -16.2473, 78.0916



127.0420, -23.1917, 112.2192



158.3180, -35.6528, 48.8331



99.4030, -1.1847, 6.6626



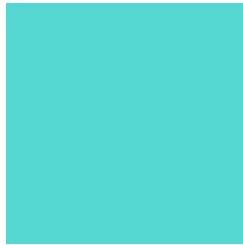
52.0410, -21.7122, 104.3270



13.0850, -5.4649, 26.2355

Previews

White Background



This preview shows how the YUV color 175.0440, 16.2473, -78.0916 looks on a white background.

Color Contrast Check

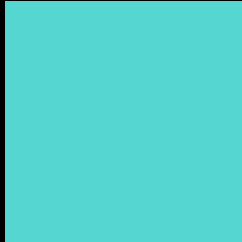
Large Text (above 18pt) WCAG AA × Fail

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 175.0440, 16.2473, -78.0916 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

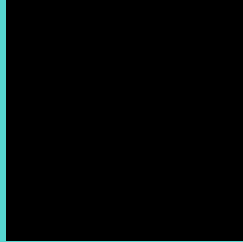
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

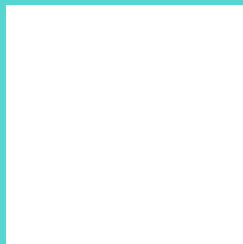
Any Text WCAG AAA ✓ Pass

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

YUV 175.0440, 16.2473, -78.0916 Background



This preview shows how black text looks on a background with the YUV color 175.0440, 16.2473, -78.0916.



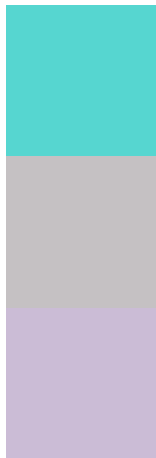
This preview shows how white text looks on a background with the YUV color 175.0440, 16.2473, -78.0916.

-78.0916.

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

175.0440, 16.2473, -78.0916

Protanopia

194.4240, 0.2840, 2.2592

Deuteranopia

195.4490, 9.1456, 6.6222



Tritanopia

177.9550, 24.6722, -73.6285

Trichromacy



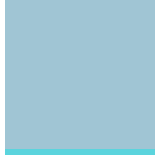
Original Color

175.0440, 16.2473, -78.0916



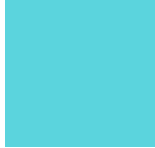
Protanomaly

187.7300, 6.0491, -26.9502



Deuteranomaly

187.6470, 12.0060, -24.2464



Tritanomaly

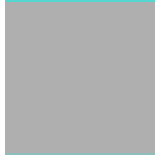
176.8470, 21.7674, -75.2878

Monochromacy



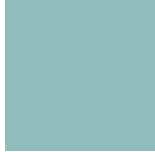
Original Color

175.0440, 16.2473, -78.0916



Achromatopsia

175.0000, 0.0000, 0.0000



Achromatomaly

175.0180, 5.9071, -28.0798

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.0440, 16.2473, -78.0916 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(86, 214, 208)` looks like.

```
.text, #text, p{  
    color:rgb(86, 214, 208)  
}
```

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(86, 214, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 214, 208) }
```

Border

The CSS property to change the border of an element to YUV 175.0440, 16.2473, -78.0916 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(86, 214, 208) }
```


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

```
.border{ border-color:rgb(86, 214, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 214, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 214, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 214, 208);  
box-shadow:4px 4px 4px 4px rgb(86, 214,  
208) }
```

Background

The CSS property to change the background color of an element to YUV 175.0440, 16.2473, -78.0916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 214, 208) }
```

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

```
.background{ background-color: rgb(86, 214,  
208) }
```

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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