

Converting Colors

YUV(172.1880, 24.5573,
-83.4799)

Have a look what the booklet for
YUV(172.1880, 24.5573, -83.4799)
contains.

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Color

**YUV(172.1880, 24.5573,
-83.4799)**

Conversions

Conversions Part 1

Format	Color
Hex	4DD3DE
RGB	77, 211, 222
RGB Percent	30%, 83%, 87%
CMY	0.6980, 0.1725, 0.1294
CMYK	0.65, 0.05, 0.00, 0.13
HSL	185°, 69%, 59%
HSV	185°, 65%, 87%
XYZ	39.5396, 53.4402, 77.3383
YIQ	172.1880, -83.3950, -24.9870

Conversions

Conversions Part 2

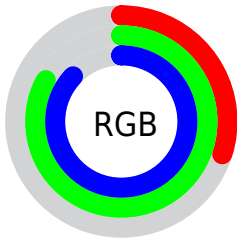
Format	Color
RYB	77, 147, 222
Decimal	5100510
CIELab	78.13, -32.50, -16.15
CIELCh	78, 36.289, 206.419
Yxy	53.4402, 0.2322, 0.3138
Android (android.graphics.Color)	4283290590 (0xFF4DD3DE)
YUV	172.1880, 24.5573, -83.4799
Hunter-Lab	73.1028, -31.3834, -11.5532




Details

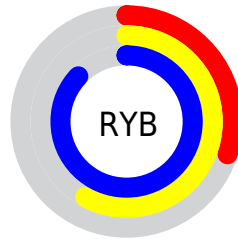
The YUV color **172.1880, 24.5573, -83.4799** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **126.8120, -24.5573, 83.4799**, and the grayscale version is **172.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **221.2130, 16.6570, -69.4698**, and **110.6100, 27.8003, -97.0050** is the 20% darker color. If you saturate the color by 10%, you get **164.4360, 28.3791, -95.9754**, and if you desaturate by 10%, it is **179.9400, 20.7356, -70.9844**.

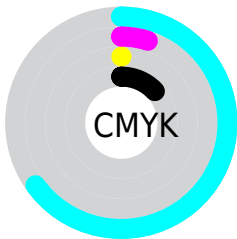
Distribution







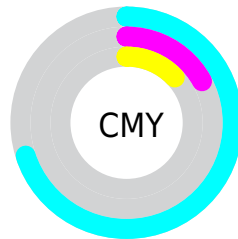
-  Red (30%)
-  Green (83%)
-  Blue (87%)






-  Red (30%)
-  Yellow (58%)
-  Blue (87%)



-  Cyan (65%)
-  Magenta (5%)
-  Yellow (0%)
-  Black (13%)



-  Cyan (70%)
-  Magenta (17%)
-  Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.1880, 24.5573, -83.4799 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 172.1880, 24.5573, -83.4799 by changing the saturation by 10% instead.

■ 172.1880, 24.5573,
-83.4799

■ 172.1880, 24.5573,
-83.4799

■ 255.0000, 0.0000,
0.0000

■ 139.7030, 26.7684,
-92.7015

■ 221.2130, 16.6570,
-69.4698

■ 110.6100, 27.8003,
-97.0050

■ 230.4820, 12.0874,
-50.4117

■ 92.3840, 23.9677,
-81.0208

■ 239.4520, 7.6652,
-31.9684

■ 74.1580, 20.1351,
-65.0366

■ 248.7210, 3.0955,
-12.9103

■ 56.6330, 16.4499,
-49.6671

■ 40.5100, 13.0596,
-35.5273

■ 26.2620, 9.2378,

-23.0318

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,
0.0000

■ 172.1880, 24.5573,
-83.4799

■ 172.1880, 24.5573,
-83.4799

■ 164.4360, 28.3791,
-95.9754

■ 179.9400, 20.7356,
-70.9844

■ 157.2710, 31.9114,
-108.9857

■ 187.1050, 17.2032,
-57.9741


■ 149.2200, 35.8805,
-122.0959

■ 195.1560, 13.2341,
-44.8638


■ 145.6430, 37.6440,
-127.7289


■ 202.9080, 9.4124,
-32.3683

 210.0730, 5.8800,
-19.3580

 217.8250, 2.0583,
-6.8625

 225.5770, -1.7635,
5.6330

 233.0410, -5.4432,
19.2580

 234.2150, -6.0220,
18.2284

Harmonies

Analogous

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



176.9830, 5.4314, -62.2521



172.1880, 24.5573, -83.4799



176.7020, 35.1499, -74.2837

Triad

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



172.1880, 24.5573, -83.4799



198.4270, 16.0585, 29.4435



191.6740, -32.3773, 24.8419

Complementary

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



172.1880, 24.5573, -83.4799



126.8120, -24.5573, 83.4799

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.



193.7720, -27.4956, 45.8040



172.1880, 24.5573, -83.4799



197.5470, 0.7163, 50.3863

Square

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



172.1880, 24.5573, -83.4799



195.4320, 28.3810, -3.0099



194.8450, -14.7136, 52.7559



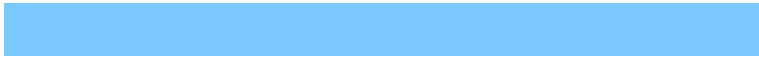
187.7630, -27.4912, -2.4232

Rectangle

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



172.1880, 24.5573, -83.4799



183.8340, 35.0848, -53.3514



194.8450, -14.7136, 52.7559



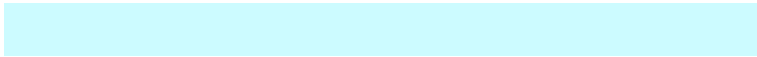
192.5440, -31.8202, 32.8489

Sweetspot

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



172.1880, 24.5573, -83.4799



237.4030, 8.6753, -29.2944



163.2550, -37.5937, -75.6456



116.9700, 5.4378, -17.5137



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.



172.1880, 24.5573, -83.4799



186.6940, 33.6749, -114.6186



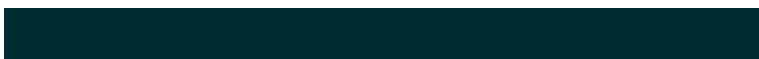
130.5110, 45.1041, -46.9291



108.1240, 1.9109, -6.2477



115.7450, 29.7057, -101.5084



31.8870, 7.9437, -27.9649

Inverse Universe

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



135.6310, 37.1569, 75.7456



136.4770, 51.0368, 103.9447



168.4890, -45.1041, 46.9291



105.4290, 2.7465, 5.7628



71.2060, 45.2544, 91.9043



19.4820, 12.5804, 25.0103

Previews

White Background



This preview shows how the YUV color 172.1880, 24.5573, -83.4799 looks on a white background.

Color Contrast Check

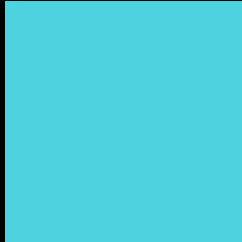
Large Text (above 18pt) WCAG AA × Fail

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 172.1880, 24.5573, -83.4799 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

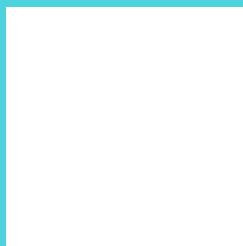
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 172.1880, 24.5573, -83.4799

Background



This preview shows how black text looks on a background with the YUV color 172.1880, 24.5573, -83.4799.



This preview shows how white text looks on a background with the YUV color 172.1880, 24.5573, -83.4799.

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

172.1880, 24.5573, -83.4799

Protanopia

192.1660, 8.2992, -1.8996

Deuteranopia

193.3540, 16.5875, -0.3105



Tritanopia

173.0680, 26.5885, -81.6206

Trichromacy



Original Color

172.1880, 24.5573, -83.4799

Protanomaly

185.1730, 14.2117, -31.7237

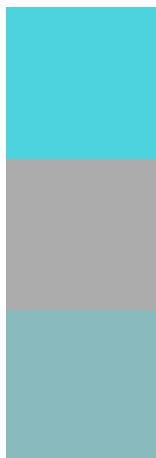
Deuteranomaly

185.8510, 19.3005, -30.5643

Tritanomaly

172.5410, 25.8623, -82.0355

Monochromacy



Original Color

172.1880, 24.5573, -83.4799

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

171.8050, 8.9701, -30.5240

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.1880, 24.5573, -83.4799 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(77, 211, 222)` looks like.

```
.text, #text, p{  
    color:rgb(77, 211, 222)  
}
```

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(77, 211, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 211, 222) }
```

Border

The CSS property to change the border of an element to YUV 172.1880, 24.5573, -83.4799 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(77, 211, 222) }
```


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

```
.border{ border-color:rgb(77, 211, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 211, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 211, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 211, 222);  
box-shadow:4px 4px 4px 4px rgb(77, 211,  
222) }
```

Background

The CSS property to change the background color of an element to YUV 172.1880, 24.5573, -83.4799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 211, 222) }
```

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

```
.background{ background-color: rgb(77, 211,  
222) }
```

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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