

Converting Colors

YUV(179.4730, 12.0918,
-98.6388)

Have a look what the booklet for
YUV(179.4730, 12.0918, -98.6388)
contains.

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Color

**YUV(179.4730, 12.0918,
-98.6388)**

Conversions

Conversions Part 1

Format	Color
Hex	43E8CC
RGB	67, 232, 204
RGB Percent	26%, 91%, 80%
CMY	0.7373, 0.0902, 0.2000
CMYK	0.71, 0.00, 0.12, 0.09
HSL	170°, 78%, 59%
HSV	170°, 71%, 91%
XYZ	42.0704, 63.2662, 67.1210
YIQ	179.4730, -89.3520, -43.6880

Conversions

Conversions Part 2

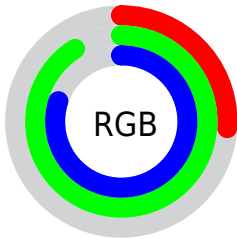
Format	Color
RYB	67, 157, 232
Decimal	4450508
CIELab	83.58, -48.18, 1.48
CIELCh	84, 48.206, 178.242
Yxy	63.2662, 0.2439, 0.3669
Android (android.graphics.Color)	4282640588 (0xFF43E8CC)
YUV	179.4730, 12.0918, -98.6388
Hunter-Lab	79.5400, -44.7825, 5.6453

Details

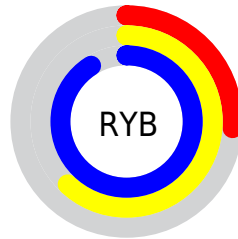
The YUV color **179.4730, 12.0918, -98.6388** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **119.5270, -12.0918, 98.6388**, and the grayscale version is **179.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.4190, 17.5414, -73.1585**, and **119.8250, 14.8763, -105.0865** is the 20% darker color. If you saturate the color by 10%, you get **172.1400, 13.7350, -112.3788**, and if you desaturate by 10%, it is **186.8060, 10.4486, -84.8989**.

Distribution



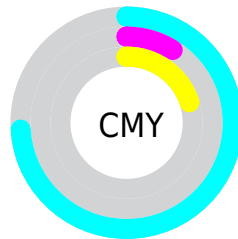
- Red (26%)
- Green (91%)
- Blue (80%)



- Red (26%)
- Yellow (62%)
- Blue (91%)



- Cyan (71%)
- Magenta (0%)
- Yellow (12%)
- Black (9%)



- Cyan (74%)
- Magenta (9%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 179.4730, 12.0918, -98.6388 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 179.4730, 12.0918, -98.6388 by changing the saturation by 10% instead.

179.4730, 12.0918,
-98.6388

179.4730, 12.0918,
-98.6388

255.0000, 0.0000,
0.0000

139.3390, 18.5669,
-122.2003

219.4190, 17.5414,
-73.1585

119.8250, 14.8763,
-105.0865

228.9870, 12.8244,
-53.4856

101.0120, 11.3331,
-88.5875

238.2560, 8.2548,
-34.4275

82.9000, 7.9373,
-72.7033

247.5250, 3.6852,
-15.3694

64.9020, 4.9783,
-56.9191

47.7190, 2.6035,
-41.8496

31.8240, 0.0868,

-27.9096

■ 13.3530, -2.1460,
-11.7106

■ 0.0000, 0.0000,
0.0000

■ 179.4730, 12.0918,
-98.6388

■ 179.4730, 12.0918,
-98.6388

■ 172.1400, 13.7350,
-112.3788

■ 186.8060, 10.4486,
-84.8989

■ 164.8070, 15.3781,
-126.1187

■ 194.1390, 8.8055,
-71.1589


■ 158.1860, 17.1633,
-138.7291


■ 201.7710, 7.0149,
-56.8042

■ 209.1040, 5.3717,
-43.0642

 216.4370, 3.7286,
-29.3242

 223.7700, 2.0854,
-15.5843

 231.1030, 0.4422,
-1.8443

 238.6210, -1.7852,
12.6104

 239.6750, -0.3328,
13.4400

Harmonies

Analogous

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



193.5230, -17.0198, -47.8167



179.4730, 12.0918, -98.6388



164.0970, 42.3502, -143.9131

Triad

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



179.4730, 12.0918, -98.6388



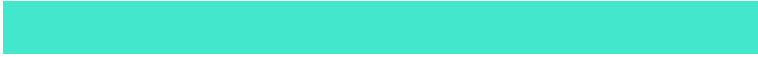
207.7870, 23.2760, 1.0638



202.2360, -34.6263, 46.2740

Complementary

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



179.4730, 12.0918, -98.6388



119.5270, -12.0918, 98.6388

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.



198.7090, -15.1395, 49.3672



179.4730, 12.0918, -98.6388



211.5620, 21.4149, 38.0951

Square

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



179.4730, 12.0918, -98.6388



194.4550, 29.8487, -53.8960



201.4910, 5.6739, 46.9274



205.3190, -44.0343, 30.4152

Rectangle

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



179.4730, 12.0918, -98.6388



162.9060, 45.4023, -142.8686



201.4910, 5.6739, 46.9274



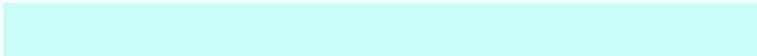
200.4410, -28.8114, 47.8482

Sweetspot

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



179.4730, 12.0918, -98.6388



237.8280, 4.0288, -32.2982



172.8250, -52.1717, -66.4985



117.7480, 2.0962, -19.0730



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.



179.4730, 12.0918, -98.6388



185.8990, 15.8258, -129.7074



152.1410, 39.3705, -74.6687



111.1840, 0.8953, -7.1774



121.9450, 12.8451, -106.9458



34.7250, 3.5866, -30.4538

Inverse Universe

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



119.5270, -12.0918, 98.6388



107.1010, -15.8258, 129.7074



146.8590, -39.3705, 74.6687



106.8160, -0.8953, 7.1774



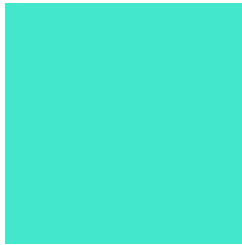
56.9410, -13.2819, 107.0457



16.2750, -3.5866, 30.4538

Previews

White Background



This preview shows how the YUV color 179.4730, 12.0918, -98.6388 looks on a white background.

Color Contrast Check

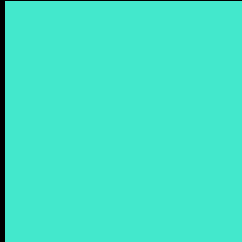
Large Text (above 18pt) WCAG AA × Fail

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 179.4730, 12.0918, -98.6388 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

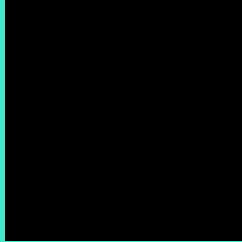
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

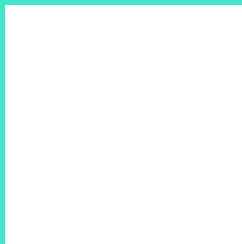
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 179.4730, 12.0918, -98.6388

Background



This preview shows how black text looks on a background with the YUV color 179.4730, 12.0918, -98.6388.



This preview shows how white text looks on a background with the YUV color 179.4730, 12.0918, -98.6388.

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

179.4730, 12.0918, -98.6388

Protanopia

206.5680, -8.1680, 6.5179

Deuteranopia

208.4300, 1.2670, 13.6549



Tritanopia

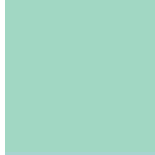
186.9040, 28.6413, -86.7388

Trichromacy



Original Color

179.4730, 12.0918, -98.6388



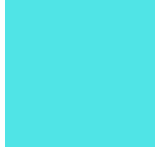
Protanomaly

196.5740, -0.7760, -31.1984



Deuteranomaly

198.0890, 4.8861, -27.2651



Tritanomaly

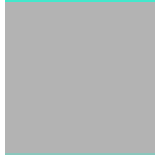
183.9760, 22.6898, -91.1870

Monochromacy



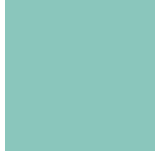
Original Color

179.4730, 12.0918, -98.6388



Achromatopsia

179.0000, 0.0000, 0.0000



Achromatomaly

178.9200, 4.4764, -35.8868

CSS Examples

Text

The CSS property to change the color of the text to YUV 179.4730, 12.0918, -98.6388 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(67, 232, 204)` looks like.

```
.text, #text, p{  
    color:rgb(67, 232, 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(67, 232, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 232, 204) }
```

Border

The CSS property to change the border of an element to YUV 179.4730, 12.0918, -98.6388 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(67, 232, 204) }
```


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

```
.border{ border-color:rgb(67, 232, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 232, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 232, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 232, 204);  
box-shadow:4px 4px 4px 4px rgb(67, 232,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 179.4730, 12.0918, -98.6388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 232, 204) }
```

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

```
.background{ background-color: rgb(67, 232,  
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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