

Converting Colors

YUV(170.5730, 7.1125,
-88.2025)

Have a look what the booklet for
YUV(170.5730, 7.1125, -88.2025)
contains.

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Color

**YUV(170.5730, 7.1125,
-88.2025)**

Conversions

Conversions Part 1

Format	Color
Hex	46DBB9
RGB	70, 219, 185
RGB Percent	27%, 86%, 73%
CMY	0.7255, 0.1412, 0.2745
CMYK	0.68, 0.00, 0.16, 0.14
HSL	166°, 67%, 57%
HSV	166°, 68%, 86%
XYZ	36.6143, 55.4679, 54.6755
YIQ	170.5730, -77.8900, -42.1620

Conversions

Conversions Part 2

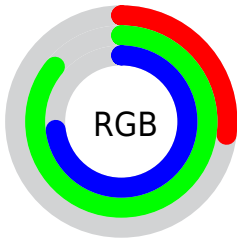
Format	Color
RYB	70, 154, 219
Decimal	4643769
CIELab	79.31, -47.01, 5.36
CIELCh	79, 47.314, 173.495
Yxy	55.4679, 0.2495, 0.3780
Android (android.graphics.Color)	4282833849 (0xFF46DBB9)
YUV	170.5730, 7.1125, -88.2025
Hunter-Lab	74.4768, -42.5802, 8.6073

Details

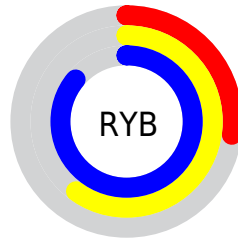
The YUV color **170.5730, 7.1125, -88.2025** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **118.4270, -7.1125, 88.2025**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.8230, 11.4263, -71.7588**, and **110.7290, 10.4866, -97.1093** is the 20% darker color. If you saturate the color by 10%, you get **163.4250, 8.1715, -101.2277**, and if you desaturate by 10%, it is **177.7210, 6.0535, -75.1773**.

Distribution



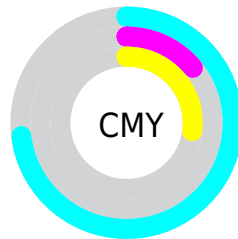
- Red (27%)
- Green (86%)
- Blue (73%)



- Red (27%)
- Yellow (60%)
- Blue (86%)



- Cyan (68%)
- Magenta (0%)
- Yellow (16%)
- Black (14%)



- Cyan (73%)
- Magenta (14%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.5730, 7.1125, -88.2025 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 170.5730, 7.1125, -88.2025 by changing the saturation by 10% instead.

■ 170.5730, 7.1125,
-88.2025

■ 170.5730, 7.1125,
-88.2025

■ 255.0000, 0.0000,
0.0000

■ 136.7070, 10.4974,
-100.5980

■ 217.8230, 11.4263,
-71.7588

■ 110.7290, 10.4866,
-97.1093

■ 228.3890, 13.1192,
-54.7152

■ 92.0300, 7.3802,
-80.7103

■ 237.6580, 8.5496,
-35.6571

■ 74.0320, 4.4212,
-64.9261

■ 246.6280, 4.1274,
-17.2138

■ 56.7350, 1.6096,
-49.7566

■ 39.5520, -0.7651,
-34.6871

■ 24.2440, -3.5713,

-21.2620

■ 0.0000, 0.0000,
0.0000

■ 170.5730, 7.1125,
-88.2025

■ 170.5730, 7.1125,
-88.2025

■ 163.4250, 8.1715,
-101.2277

■ 177.7210, 6.0535,
-75.1773

■ 156.2770, 9.2304,
-114.2529

■ 184.8690, 4.9946,
-62.1521


■ 149.1290, 10.2894,
-127.2781


■ 192.0170, 3.9356,
-49.1269

■ 147.8190, 10.4422,
-129.6373


■ 199.1650, 2.8767,
-36.1017

■ 206.3130, 1.8177,
-23.0765

 213.1620, 0.9061,
-10.6661

 220.3100, -0.1528,
2.3591

 227.4580, -1.2118,
15.3843

 231.0180, -0.5019,
21.0322

Harmonies

Analogous

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



183.0680, -20.2465, -39.5246



170.5730, 7.1125, -88.2025



154.7730, 37.0869, -135.7359

Triad

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



170.5730, 7.1125, -88.2025



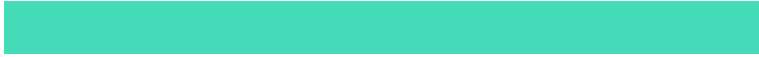
195.6270, 29.2709, -8.4429



193.4480, -32.7589, 53.9811

Complementary

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



170.5730, 7.1125, -88.2025



118.4270, -7.1125, 88.2025

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.



190.6220, -13.1246, 56.4595



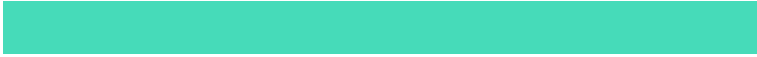
170.5730, 7.1125, -88.2025



201.7080, 23.3150, 35.3361

Square

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



170.5730, 7.1125, -88.2025



181.1100, 36.4278, -64.1175



195.0510, 6.3839, 52.5753



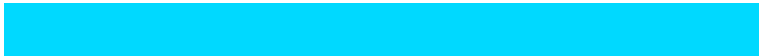
194.0960, -42.4453, 34.1188

Rectangle

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



170.5730, 7.1125, -88.2025



156.4490, 48.5856, -137.2058



195.0510, 6.3839, 52.5753



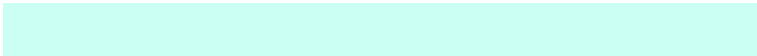
191.7670, -26.5071, 55.4553

Sweetspot

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



170.5730, 7.1125, -88.2025



238.3830, 2.2762, -30.1539



167.9280, -48.2785, -55.1879



117.9330, 1.5120, -18.3582



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.



170.5730, 7.1125, -88.2025



187.0370, 9.8418, -123.6894



150.9690, 33.5393, -71.0098



106.3690, 0.3111, -6.4626



116.8270, 8.4663, -102.4573



30.9920, 1.9759, -27.1800

Inverse Universe

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



118.4270, -7.1125, 88.2025



113.9630, -9.8418, 123.6894



138.0310, -33.5393, 71.0098



102.5170, -0.7479, 6.5626



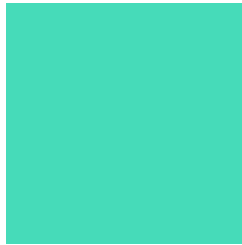
56.2870, -8.0295, 102.3573



14.8940, -2.4127, 27.2800

Previews

White Background



This preview shows how the YUV color 170.5730, 7.1125, -88.2025 looks on a white background.

Color Contrast Check

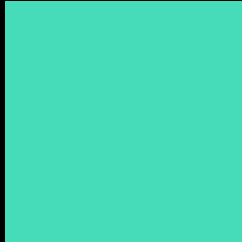
Large Text (above 18pt) WCAG AA × Fail

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 170.5730, 7.1125, -88.2025 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

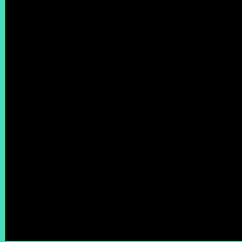
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

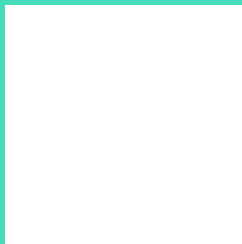
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 170.5730, 7.1125, -88.2025

Background



This preview shows how black text looks on a background with the YUV color 170.5730, 7.1125, -88.2025.

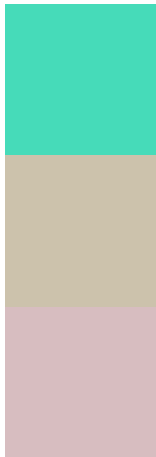


This preview shows how white text looks on a background with the YUV color 170.5730, 7.1125,

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

170.5730, 7.1125, -88.2025

Protanopia

194.4820, -11.0836, 8.3473

Deuteranopia

197.1160, -2.5222, 15.6843



Tritanopia

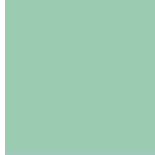
178.4600, 25.4092, -76.7024

Trichromacy



Original Color

170.5730, 7.1125, -88.2025



Protanomaly

185.6840, -4.2812, -26.9099



Deuteranomaly

187.3840, 0.7967, -22.2618



Tritanomaly

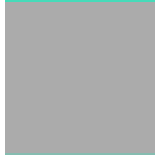
175.4180, 19.0209, -81.0506

Monochromacy



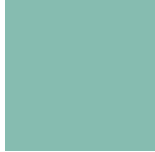
Original Color

170.5730, 7.1125, -88.2025



Achromatopsia

171.0000, 0.0000, 0.0000



Achromatomaly

170.4860, 2.7184, -31.9982

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.5730, 7.1125, -88.2025 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(70, 219, 185)` looks like.

```
.text, #text, p{  
    color:rgb(70, 219, 185)  
}
```

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(70, 219, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 219, 185) }
```

Border

The CSS property to change the border of an element to YUV 170.5730, 7.1125, -88.2025 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(70, 219, 185) }
```


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

```
.border{ border-color:rgb(70, 219, 185) }
```

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

Here you see how a box with a 4 pixel rgb(70, 219, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 219, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 219, 185);  
box-shadow:4px 4px 4px 4px rgb(70, 219,  
185) }
```

Background

The CSS property to change the background color of an element to YUV 170.5730, 7.1125, -88.2025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 219, 185) }
```

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

```
.background{ background-color: rgb(70, 219,  
185) }
```

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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