

Converting Colors

YUV(171.1300, 22.6139,
-66.7660)

Have a look what the booklet for
YUV(171.1300, 22.6139, -66.7660)
contains.

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Color

**YUV(171.1300, 22.6139,
-66.7660)**

Conversions

Conversions Part 1

Format	Color
Hex	5FC9D9
RGB	95, 201, 217
RGB Percent	37%, 79%, 85%
CMY	0.6275, 0.2118, 0.1490
CMYK	0.56, 0.07, 0.00, 0.15
HSL	188°, 62%, 61%
HSV	188°, 56%, 85%
XYZ	38.1303, 49.2159, 73.1356
YIQ	171.1300, -68.3120, -17.4960

Conversions

Conversions Part 2

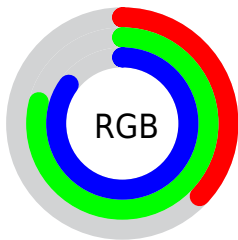
Format	Color
RYB	95, 152, 217
Decimal	6277593
CIELab	75.59, -26.00, -17.25
CIELCh	76, 31.202, 213.557
Yxy	49.2159, 0.2376, 0.3067
Android (android.graphics.Color)	4284467673 (0xFF5FC9D9)
YUV	171.1300, 22.6139, -66.7660
Hunter-Lab	70.1541, -25.7508, -12.7019

Details

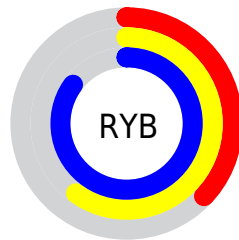
The YUV color **171.1300, 22.6139, -66.7660** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **140.8700, -22.6139, 66.7660**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.1000, 14.7407, -61.4777**, and **109.8400, 25.7149, -81.4207** is the 20% darker color. If you saturate the color by 10%, you get **162.7910, 26.7250, -78.7467**, and if you desaturate by 10%, it is **179.4690, 18.5028, -54.7853**.

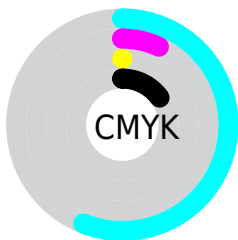
Distribution



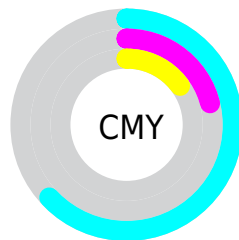
- Red (37%)
- Green (79%)
- Blue (85%)



- Red (37%)
- Yellow (60%)
- Blue (85%)



- Cyan (56%)
- Magenta (7%)
- Yellow (0%)
- Black (15%)



- Cyan (63%)
- Magenta (21%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.1300, 22.6139, -66.7660 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 171.1300, 22.6139, -66.7660 by changing the saturation by 10% instead.

171.1300, 22.6139,
-66.7660

171.1300, 22.6139,
-66.7660

255.0000, 0.0000,
0.0000

141.9340, 23.2035,
-69.2251

225.1000, 14.7407,
-61.4777

109.8400, 25.7149,
-81.4207

233.7710, 10.4659,
-43.6492

86.5310, 24.3882,
-75.8877

242.7410, 6.0437,
-25.2059

69.0060, 20.7030,
-60.5183

251.7110, 1.6215,
-6.7625

51.4810, 17.0179,
-45.1488

35.3580, 13.6275,
-31.0090

21.6970, 9.5164,

-19.0283

■ 2.8670, 8.4466,
-2.5144

■ 0.0000, 0.0000,
0.0000

■ 171.1300, 22.6139,
-66.7660

■ 171.1300, 22.6139,
-66.7660

■ 162.7910, 26.7250,
-78.7467

■ 179.4690, 18.5028,
-54.7853

■ 154.7510, 30.6888,
-90.1126

■ 187.5090, 14.5391,
-43.4194

■ 146.4120, 34.7999,
-102.0933

■ 195.8480, 10.4279,
-31.4387

■ 138.6600, 38.6216,
-114.5888

■ 203.6000, 6.6062,
-18.9432

■ 135.6810, 40.0903,
-118.9922

■ 211.6400, 2.6425,
-7.5773

■ 219.9790, -1.4686,
4.4034

■ 228.3180, -5.5798,
16.3841

■ 232.4710, -7.6272,
19.7579

■ 234.2320, -8.4954,
18.2135

Harmonies

Analogous

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



172.4120, 8.1779, -56.4893



171.1300, 22.6139, -66.7660



176.1560, 29.9961, -54.5108

Triad

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



171.1300, 22.6139, -66.7660



190.9450, 10.3801, 30.7432



184.5850, -27.4034, 16.1500

Complementary

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



171.1300, 22.6139, -66.7660



140.8700, -22.6139, 66.7660

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.



186.9880, -25.1371, 35.9675



171.1300, 22.6139, -66.7660



190.1890, -3.0512, 45.4382

Square

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



171.1300, 22.6139, -66.7660



189.4670, 21.9548, 4.8524



188.7580, -16.1497, 46.6932



181.0380, -21.2177, -7.9263

Rectangle

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



171.1300, 22.6139, -66.7660



181.6790, 30.2313, -36.5525



188.7580, -16.1497, 46.6932



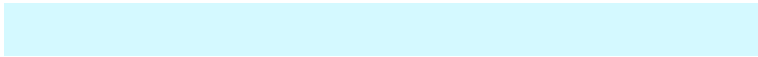
184.9280, -27.5725, 23.7421

Sweetspot

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



171.1300, 22.6139, -66.7660



238.6210, 8.0748, -23.3466



168.2100, -29.1905, -64.2052



117.8780, 4.9901, -13.9250



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.



171.1300, 22.6139, -66.7660



190.9570, 31.5732, -93.8013



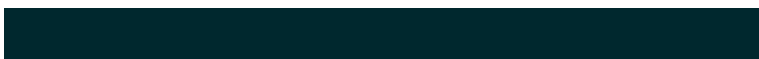
136.4970, 39.6880, -36.3929



105.5370, 2.2003, -5.7329



108.3590, 31.8680, -95.0308



28.7240, 8.5171, -25.1909

Inverse Universe

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



143.5620, 28.3169, 64.4051



152.1150, 39.8763, 90.2301



175.5030, -39.6880, 36.3929



103.3150, 2.3097, 5.8627



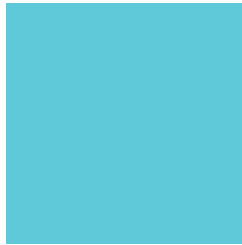
68.9410, 40.4551, 91.2597



18.3140, 10.6912, 24.2806

Previews

White Background



This preview shows how the YUV color 171.1300, 22.6139, -66.7660 looks on a white background.

Color Contrast Check

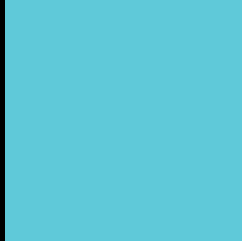
Large Text (above 18pt) WCAG AA × Fail

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 171.1300, 22.6139, -66.7660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

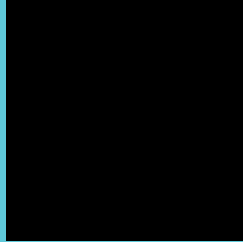
Any Text WCAG AA ✓ Pass

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 171.1300, 22.6139, -66.7660 Background



This preview shows how black text looks on a background with the YUV color 171.1300, 22.6139, -66.7660.



This preview shows how white text looks on a background with the YUV color 171.1300, 22.6139, -66.7660.

-66.7660.

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

171.1300, 22.6139, -66.7660

Protanopia

185.9100, 9.9044, -3.4291

Deuteranopia

186.7560, 16.8823, -1.5400



Tritanopia

171.1300, 22.6139, -66.7660

Trichromacy



Original Color

171.1300, 22.6139, -66.7660

Protanomaly

180.3200, 14.6322, -26.5906

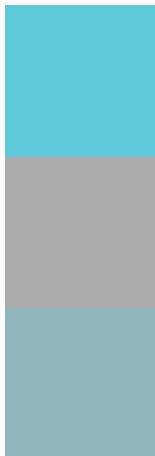
Deuteranomaly

180.8840, 19.2842, -25.3313

Tritanomaly

171.1300, 22.6139, -66.7660

Monochromacy



Original Color

171.1300, 22.6139, -66.7660

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

171.0230, 8.3697, -24.5762

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.1300, 22.6139, -66.7660 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(95, 201, 217)` looks like.

```
.text, #text, p{  
    color:rgb(95, 201, 217)  
}
```

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(95, 201, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 201, 217) }
```

Border

The CSS property to change the border of an element to YUV 171.1300, 22.6139, -66.7660 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(95, 201, 217) }
```


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

```
.border{ border-color:rgb(95, 201, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 201, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 201, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 201, 217);  
box-shadow:4px 4px 4px 4px rgb(95, 201,  
217) }
```

Background

The CSS property to change the background color of an element to YUV 171.1300, 22.6139, -66.7660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 201, 217) }
```

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

```
.background{ background-color: rgb(95, 201,  
217) }
```

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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