

Converting Colors

YUV(173.9720, 22.1988,
-73.6434)

Have a look what the booklet for
YUV(173.9720, 22.1988, -73.6434)
contains.

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Color

**YUV(173.9720, 22.1988,
-73.6434)**

Conversions

Conversions Part 1

Format	Color
Hex	5AD0DB
RGB	90, 208, 219
RGB Percent	35%, 82%, 86%
CMY	0.6471, 0.1843, 0.1412
CMYK	0.59, 0.05, 0.00, 0.14
HSL	185°, 64%, 61%
HSV	185°, 59%, 86%
XYZ	39.5585, 52.3999, 75.0471
YIQ	173.9720, -73.8590, -21.5950

Conversions

Conversions Part 2

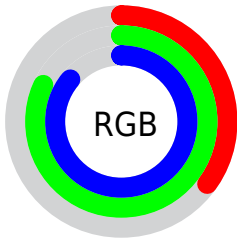
Format	Color
RYB	90, 152, 219
Decimal	5951707
CIELab	77.52, -29.79, -15.43
CIElCh	78, 33.547, 207.377
Yxy	52.3999, 0.2369, 0.3138
Android (android.graphics.Color)	4284141787 (0xFF5AD0DB)
YUV	173.9720, 22.1988, -73.6434
Hunter-Lab	72.3878, -29.1318, -10.7967

Details

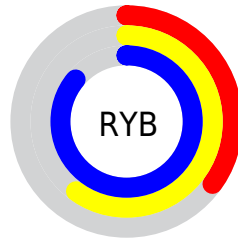
The YUV color **173.9720, 22.1988, -73.6434** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **135.0280, -22.1988, 73.6434**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.9040, 15.3303, -63.9368**, and **108.5070, 27.3580, -95.1606** is the 20% darker color. If you saturate the color by 10%, you get **166.2200, 26.0205, -86.1389**, and if you desaturate by 10%, it is **181.7240, 18.3771, -61.1479**.

Distribution



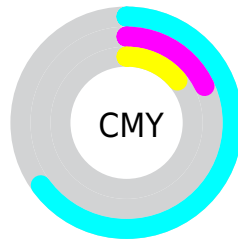
- Red (35%)
- Green (82%)
- Blue (86%)



- Red (35%)
- Yellow (60%)
- Blue (86%)



- Cyan (59%)
- Magenta (5%)
- Yellow (0%)
- Black (14%)



- Cyan (65%)
- Magenta (18%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.9720, 22.1988, -73.6434 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 173.9720, 22.1988, -73.6434 by changing the saturation by 10% instead.

■ 173.9720, 22.1988,
-73.6434

■ 173.9720, 22.1988,
-73.6434

255.0000, 0.0000,
0.0000

■ 143.8790, 23.2307,
-77.9469

■ 223.9040, 15.3303,
-63.9368

■ 108.5070, 27.3580,
-95.1606

■ 232.8740, 10.9081,
-45.4935

■ 90.2810, 23.5255,
-79.1764

■ 241.8440, 6.4859,
-27.0502

■ 72.6420, 19.4035,
-63.7070

■ 251.1130, 1.9163,
-7.9921

■ 55.2310, 16.1551,
-48.4376

■ 39.1080, 12.7648,
-34.2977

■ 24.7460, 8.5062,

-21.7022

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,
0.0000

■ 173.9720, 22.1988,
-73.6434

■ 173.9720, 22.1988,
-73.6434

■ 166.2200, 26.0205,
-86.1389

■ 181.7240, 18.3771,
-61.1479

■ 158.4680, 29.8423,
-98.6344

■ 189.4760, 14.5553,
-48.6525

■ 150.7160, 33.6640,
-111.1299

■ 197.2280, 10.7336,
-36.1570

■ 143.5510, 37.1964,
-124.1402

■ 204.3930, 7.2013,
-23.1467

■ 142.3660, 37.7806,
-124.8550

■ 211.8460, 3.5269,
-11.2659

■ 219.5980, -0.2948,
1.2296

■ 227.3500, -4.1166,
13.7250

■ 232.1120, -6.4642,
20.0728

■ 233.2860, -7.0430,
19.0432

Harmonies

Analogous

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



177.0160, 5.4151, -57.0190



173.9720, 22.1988, -73.6434



178.5460, 31.7758, -65.3768

Triad

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



173.9720, 22.1988, -73.6434



196.2590, 14.1693, 28.7139



190.2330, -30.1879, 22.5977

Complementary

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



173.9720, 22.1988, -73.6434



135.0280, -22.1988, 73.6434

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.



192.5050, -25.8850, 42.5301



173.9720, 22.1988, -73.6434



195.5960, -0.2938, 47.7123

Square

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



173.9720, 22.1988, -73.6434



193.5740, 26.3390, -1.3804



194.1330, -14.8556, 51.6264



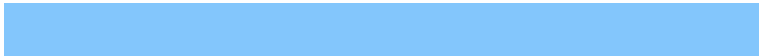
186.4470, -24.8704, -3.0230

Rectangle

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



173.9720, 22.1988, -73.6434



184.1230, 33.4634, -46.5889



194.1330, -14.8556, 51.6264



190.8040, -29.4834, 29.9899

Sweetspot

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



173.9720, 22.1988, -73.6434



238.8980, 7.9383, -26.2205



166.9770, -32.5267, -67.5088



117.5680, 5.1430, -16.2841



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.



173.9720, 22.1988, -73.6434



192.0760, 31.0215, -103.5527



136.4040, 40.7198, -40.6963



106.1240, 1.9109, -6.2477



113.0550, 29.5529, -99.1492



29.8980, 7.9383, -26.2205

Inverse Universe

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



142.0230, 32.5267, 67.5088



147.0430, 45.8278, 94.6783



172.5960, -40.7198, 40.6963



103.4290, 2.7465, 5.7628



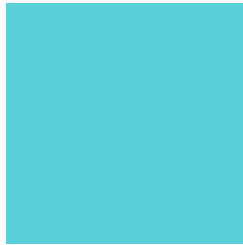
69.8530, 43.9495, 90.4599



18.5420, 11.5648, 24.0807

Previews

White Background



This preview shows how the YUV color 173.9720, 22.1988, -73.6434 looks on a white background.

Color Contrast Check

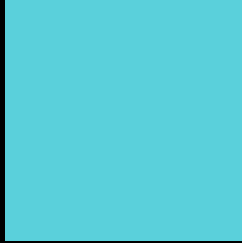
Large Text (above 18pt) WCAG AA × Fail

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 173.9720, 22.1988, -73.6434 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 173.9720, 22.1988, -73.6434 Background



This preview shows how black text looks on a background with the YUV color 173.9720, 22.1988, -73.6434.



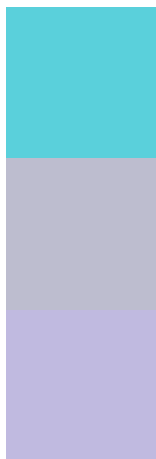
This preview shows how white text looks on a background with the YUV color 173.9720, 22.1988, -73.6434.

-73.6434.

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

173.9720, 22.1988, -73.6434

Protanopia

191.0520, 7.8624, -1.7996

Deuteranopia

192.1260, 15.7139, -0.1105



Tritanopia

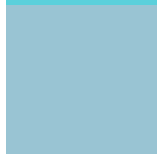
174.5530, 24.3774, -72.3990

Trichromacy



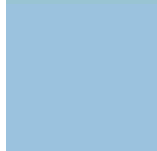
Original Color

173.9720, 22.1988, -73.6434



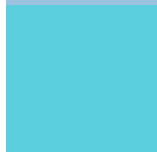
Protanomaly

184.8530, 12.8905, -27.9351



Deuteranomaly

185.5310, 17.9792, -26.7757



Tritanomaly

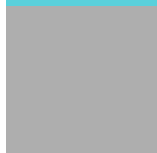
174.0260, 23.6512, -72.8138

Monochromacy



Original Color

173.9720, 22.1988, -73.6434



Achromatopsia

174.0000, 0.0000, 0.0000



Achromatomaly

173.5990, 8.0857, -26.8353

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.9720, 22.1988, -73.6434 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(90, 208, 219)` looks like.

```
.text, #text, p{  
    color:rgb(90, 208, 219)  
}
```

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(90, 208, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 208, 219) }
```

Border

The CSS property to change the border of an element to YUV 173.9720, 22.1988, -73.6434 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(90, 208, 219) }
```


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

```
.border{ border-color:rgb(90, 208, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 208, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 208, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 208, 219);  
box-shadow:4px 4px 4px 4px rgb(90, 208,  
219) }
```

Background

The CSS property to change the background color of an element to YUV 173.9720, 22.1988, -73.6434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 208, 219) }
```

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

```
.background{ background-color: rgb(90, 208,  
219) }
```

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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