

Converting Colors

YUV(174.3680, 24.9616,
-73.1137)

Have a look what the booklet for
YUV(174.3680, 24.9616, -73.1137)
contains.

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Color

**YUV(174.3680, 24.9616,
-73.1137)**

Conversions

Conversions Part 1

Format	Color
Hex	5BCFE1
RGB	91, 207, 225
RGB Percent	36%, 81%, 88%
CMY	0.6431, 0.1882, 0.1176
CMYK	0.60, 0.08, 0.00, 0.12
HSL	188°, 69%, 62%
HSV	188°, 60%, 88%
XYZ	40.2178, 52.2860, 79.2067
YIQ	174.3680, -74.9140, -18.9940

Conversions

Conversions Part 2

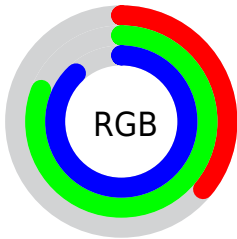
Format	Color
R_{YB}	91, 153, 225
Decimal	6016993
CIE _{Lab}	77.45, -27.44, -18.75
CIE _{LCh}	77, 33.230, 214.348
Yxy	52.2860, 0.2342, 0.3045
Android (android.graphics.Color)	4284207073 (0xFF5BCFE1)
YUV	174.3680, 24.9616, -73.1137
Hunter-Lab	72.3091, -27.2604, -14.3293

Details

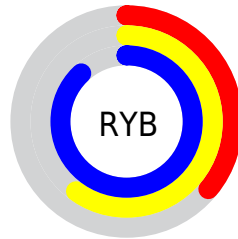
The YUV color **174.3680, 24.9616, -73.1137** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **141.6320, -24.9616, 73.1137**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.5020, 15.0355, -62.7073**, and **108.6040, 30.2682, -95.2457** is the 20% darker color. If you saturate the color by 10%, you get **166.0290, 29.0727, -85.0944**, and if you desaturate by 10%, it is **183.0060, 20.7030, -60.5183**.

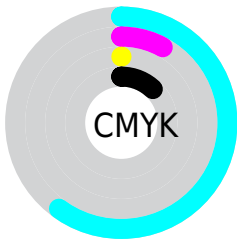
Distribution



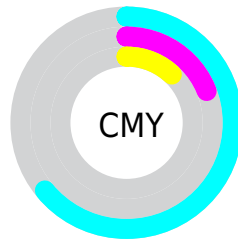
- Red (36%)
- Green (81%)
- Blue (88%)



- Red (36%)
- Yellow (60%)
- Blue (88%)



- Cyan (60%)
- Magenta (8%)
- Yellow (0%)
- Black (12%)



- Cyan (64%)
- Magenta (19%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.3680, 24.9616, -73.1137 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 174.3680, 24.9616, -73.1137 by changing the saturation by 10% instead.

174.3680, 24.9616,
-73.1137

174.3680, 24.9616,
-73.1137

255.0000, 0.0000,
0.0000

144.2750, 25.9934,
-77.4172

224.5020, 15.0355,
-62.7073

108.6040, 30.2682,
-95.2457

233.4720, 10.6133,
-44.2639

90.2640, 25.9988,
-79.1615

242.4420, 6.1911,
-25.8206

72.7390, 22.3137,
-63.7921

251.4120, 1.7689,
-7.3773

55.2140, 18.6285,
-48.4227

38.9770, 14.8013,
-34.1828

24.7290, 10.9796,

-21.6873

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,
0.0000

■ 174.3680, 24.9616,
-73.1137

■ 174.3680, 24.9616,
-73.1137

■ 166.0290, 29.0727,
-85.0944

■ 183.0060, 20.7030,
-60.5183

■ 157.3910, 33.3312,
-97.6899

■ 191.3450, 16.5919,
-48.5376

■ 149.0520, 37.4424,
-109.6706

■ 199.9830, 12.3334,
-35.9421

■ 140.4140, 41.7009,
-122.2661

■ 208.3220, 8.2223,
-23.9614

■ 140.1150, 41.8483,
-122.8809

■ 216.9600, 3.9637,
-11.3659

■ 225.2990, -0.1474,
0.6148

■ 233.9370, -4.4059,
13.2103

■ 237.4920, -6.1586,
15.3545

■ 239.2530, -7.0267,
13.8101

Harmonies

Analogous

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



176.0200, 9.3571, -61.4075



174.3680, 24.9616, -73.1137



180.7040, 32.1909, -58.4994

Triad

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



174.3680, 24.9616, -73.1137



195.8960, 11.3903, 33.4172



189.4280, -29.2980, 17.1646

Complementary

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



174.3680, 24.9616, -73.1137



141.6320, -24.9616, 73.1137

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.



191.5430, -26.8897, 38.1118



174.3680, 24.9616, -73.1137



195.0970, -3.4988, 49.0269

Square

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



174.3680, 24.9616, -73.1137



194.5210, 23.4071, 5.6821



194.0250, -17.7603, 49.9671



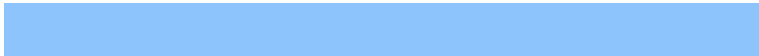
185.6850, -22.5227, -9.3707

Rectangle

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



174.3680, 24.9616, -73.1137



186.2380, 32.4207, -38.7967



194.0250, -17.7603, 49.9671



189.7710, -29.4671, 24.7568

Sweetspot

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



174.3680, 24.9616, -73.1137



237.7240, 8.5171, -25.1909



171.7100, -30.9160, -70.7827



116.9810, 5.4324, -15.7693



0.0000, 0.0000, 0.0000



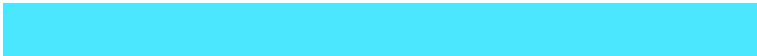
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



174.3680, 24.9616, -73.1137



186.7930, 33.6261, -98.9195



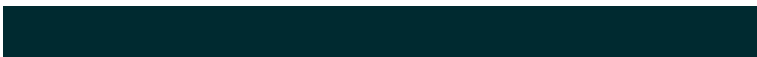
135.0390, 44.3508, -38.6222



108.1240, 1.9109, -6.2477



109.2880, 32.8890, -95.8456



30.1260, 8.8119, -26.4205

Inverse Universe

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



144.2900, 30.9160, 70.7827



146.0170, 41.8966, 95.5781



180.9610, -44.3508, 38.6222



105.4290, 2.7465, 5.7628



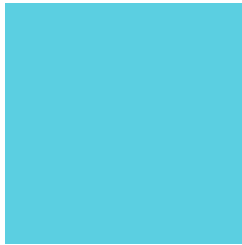
69.9520, 40.4497, 93.0041



19.1400, 11.2700, 25.3102

Previews

White Background



This preview shows how the YUV color 174.3680, 24.9616, -73.1137 looks on a white background.

Color Contrast Check

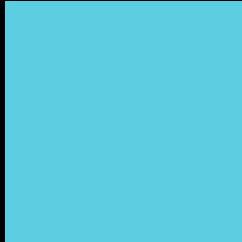
Large Text (above 18pt) WCAG AA × Fail

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 174.3680, 24.9616, -73.1137 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

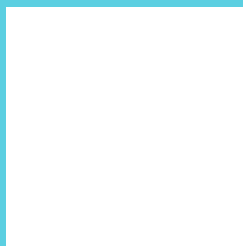
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 174.3680, 24.9616, -73.1137

Background



This preview shows how black text looks on a background with the YUV color 174.3680, 24.9616, -73.1137.



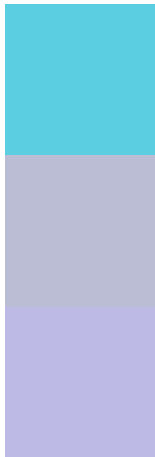
This preview shows how white text looks on a background with the YUV color 174.3680, 24.9616, -73.1137.

-73.1137.

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

174.3680, 24.9616, -73.1137

Protanopia

191.1380, 10.7780, -3.6290

Deuteranopia

191.9130, 18.7769, -2.5547



Tritanopia

174.2540, 24.5248, -73.0138

Trichromacy



Original Color

174.3680, 24.9616, -73.1137

Protanomaly

185.2380, 15.6587, -29.1497

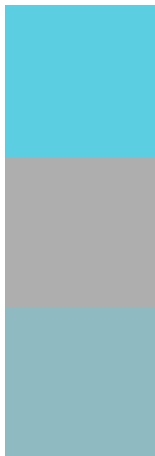
Deuteranomaly

185.6170, 20.8948, -28.6051

Tritanomaly

174.2540, 24.5248, -73.0138

Monochromacy



Original Color

174.3680, 24.9616, -73.1137

Achromatopsia

174.0000, 0.0000, 0.0000

Achromatomaly

174.2400, 9.2487, -26.5205

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.3680, 24.9616, -73.1137 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(91, 207, 225)` looks like.

```
.text, #text, p{  
    color:rgb(91, 207, 225)  
}
```

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(91, 207, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 207, 225) }
```

Border

The CSS property to change the border of an element to YUV 174.3680, 24.9616, -73.1137 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(91, 207, 225) }
```


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

```
.border{ border-color:rgb(91, 207, 225) }
```

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

Here you see how a box with a 4 pixel rgb(91, 207, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 207, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 207, 225);  
box-shadow:4px 4px 4px 4px rgb(91, 207,  
225) }
```

Background

The CSS property to change the background color of an element to YUV 174.3680, 24.9616, -73.1137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 207, 225) }
```

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

```
.background{ background-color: rgb(91, 207,  
225) }
```

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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