

Converting Colors

YUV(180.7440, 21.3252,
-73.4435)

Have a look what the booklet for
YUV(180.7440, 21.3252, -73.4435)
contains.

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Color

**YUV(180.7440, 21.3252,
-73.4435)**

Conversions

Conversions Part 1

Format	Color
Hex	61D7E0
RGB	97, 215, 224
RGB Percent	38%, 84%, 88%
CMY	0.6196, 0.1569, 0.1216
CMYK	0.57, 0.04, 0.00, 0.12
HSL	184°, 67%, 63%
HSV	184°, 57%, 88%
XYZ	42.6847, 56.5241, 79.1815
YIQ	180.7440, -73.2170, -22.2170

Conversions

Conversions Part 2

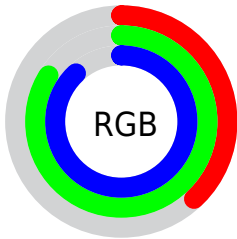
Format	Color
R _Y B	97, 158, 224
Decimal	6412256
CIE Lab	79.91, -30.51, -14.49
CIE LCh	80, 33.779, 205.400
Yxy	56.5241, 0.2393, 0.3169
Android (android.graphics.Color)	4284602336 (0xFF61D7E0)
YUV	180.7440, 21.3252, -73.4435
Hunter-Lab	75.1825, -30.2263, -9.8159

Details

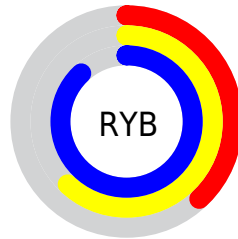
The YUV color **180.7440, 21.3252, -73.4435** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **140.2560, -21.3252, 73.4435**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.9970, 14.2985, -59.6334**, and **117.3720, 25.4526, -90.6572** is the 20% darker color. If you saturate the color by 10%, you get **172.9920, 25.1469, -85.9390**, and if you desaturate by 10%, it is **188.4960, 17.5035, -60.9480**.

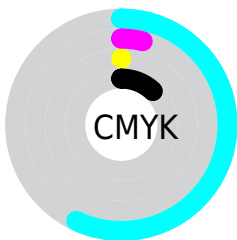
Distribution



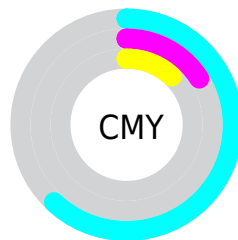
- Red (38%)
- Green (84%)
- Blue (88%)



- Red (38%)
- Yellow (62%)
- Blue (88%)



- Cyan (57%)
- Magenta (4%)
- Yellow (0%)
- Black (12%)



- Cyan (62%)
- Magenta (16%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.7440, 21.3252, -73.4435 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 180.7440, 21.3252, -73.4435 by changing the saturation by 10% instead.

180.7440, 21.3252,
-73.4435

180.7440, 21.3252,
-73.4435

255.0000, 0.0000,
0.0000

150.9500, 22.2097,
-77.1321

225.9970, 14.2985,
-59.6334

117.3720, 25.4526,
-90.6572

234.9670, 9.8763,
-41.1901

94.2590, 23.5363,
-82.6651

243.9370, 5.4541,
-22.7467

76.7340, 19.8511,
-67.2957

252.9070, 1.0318,
-4.3034

59.2090, 16.1660,
-51.9263

42.4990, 13.0650,
-37.2716

27.5500, 9.0959,

-24.1613

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,
0.0000

■ 180.7440, 21.3252,
-73.4435

■ 180.7440, 21.3252,
-73.4435

■ 172.9920, 25.1469,
-85.9390

■ 188.4960, 17.5035,
-60.9480

■ 165.5280, 28.8267,
-99.5641

■ 195.9600, 13.8237,
-47.3229

■ 157.7760, 32.6484,
-112.0596

■ 203.7120, 10.0020,
-34.8274

■ 150.3120, 36.3282,
-125.6846

■ 211.1760, 6.3222,
-21.2024

■ 147.6320, 37.6494,
-129.4733

■ 218.9280, 2.5005,
-8.7069

■ 226.6800, -1.3212,
3.7886

■ 234.1440, -5.0010,
17.4137

■ 235.6170, -5.7272,
16.9989

■ 236.2040, -6.0166,
16.4841

Harmonies

Analogous

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



183.9730, 3.9573, -56.1043



180.7440, 21.3252, -73.4435



184.8340, 31.6338, -66.5064

Triad

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



180.7440, 21.3252, -73.4435



202.8890, 15.3377, 27.2843



196.5430, -30.3407, 24.9568

Complementary

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



180.7440, 21.3252, -73.4435



140.2560, -21.3252, 73.4435

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.



199.2170, -25.7430, 43.6597



180.7440, 21.3252, -73.4435



202.2260, 0.8746, 46.2828

Square

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



180.7440, 21.3252, -73.4435



200.3780, 26.9286, -3.8395



199.2790, -12.9555, 48.8673



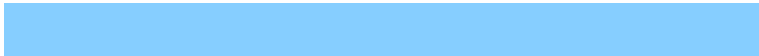
193.2300, -25.7494, -1.0787

Rectangle

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



180.7440, 21.3252, -73.4435



190.0580, 32.0164, -49.1629



199.2790, -12.9555, 48.8673



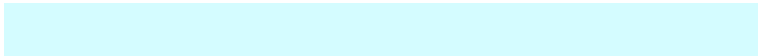
197.8150, -29.4888, 31.7342

Sweetspot

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



180.7440, 21.3252, -73.4435



240.3820, 7.2067, -24.8910



172.4610, -33.2583, -66.1793



119.0520, 4.4114, -14.9546



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.



180.7440, 21.3252, -73.4435



196.2290, 28.9741, -100.1788



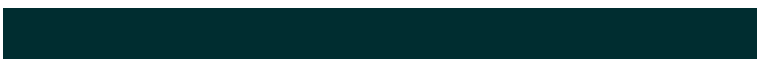
143.7630, 39.5568, -41.0112



108.1240, 1.9109, -6.2477



115.7450, 29.7057, -101.5084



31.8870, 7.9437, -27.9649

Inverse Universe

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



148.4250, 32.8215, 66.2793



152.0810, 44.8231, 90.2600



177.2370, -39.5568, 41.0112



105.4290, 2.7465, 5.7628



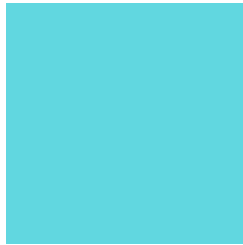
71.2060, 45.2544, 91.9043



19.4820, 12.5804, 25.0103

Previews

White Background



This preview shows how the YUV color 180.7440, 21.3252, -73.4435 looks on a white background.

Color Contrast Check

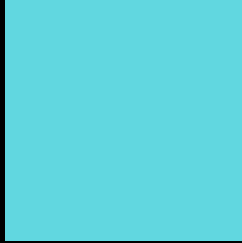
Large Text (above 18pt) WCAG AA × Fail

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 180.7440, 21.3252, -73.4435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

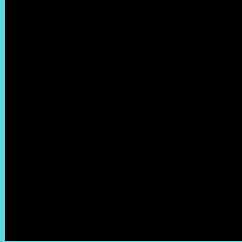
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 180.7440, 21.3252, -73.4435

Background



This preview shows how black text looks on a background with the YUV color 180.7440, 21.3252, -73.4435.

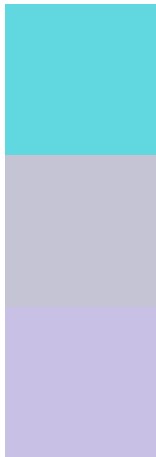


This preview shows how white text looks on a background with the YUV color 180.7440, 21.3252, -73.4435.

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

180.7440, 21.3252, -73.4435

Protanopia

197.8240, 6.9888, -1.5996

Deuteranopia

198.6100, 14.9823, 1.2190



Tritanopia

181.8520, 24.2300, -71.7842

Trichromacy



Original Color

180.7440, 21.3252, -73.4435

Protanomaly

191.6250, 12.0169, -27.7351

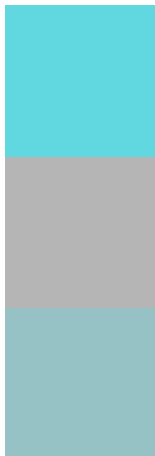
Deuteranomaly

192.0150, 17.2476, -25.4462

Tritanomaly

181.2110, 23.0670, -72.0990

Monochromacy



Original Color

180.7440, 21.3252, -73.4435

Achromatopsia

181.0000, 0.0000, 0.0000

Achromatomaly

180.5990, 8.0857, -26.8353

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.7440, 21.3252, -73.4435 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(97, 215, 224)` looks like.

```
.text, #text, p{  
    color:rgb(97, 215, 224)  
}
```

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(97, 215, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 215, 224) }
```

Border

The CSS property to change the border of an element to YUV 180.7440, 21.3252, -73.4435 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(97, 215, 224) }
```


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

```
.border{ border-color:rgb(97, 215, 224) }
```

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

Here you see how a box with a 4 pixel rgb(97, 215, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 215, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 215, 224);  
box-shadow:4px 4px 4px 4px rgb(97, 215,  
224) }
```

Background

The CSS property to change the background color of an element to YUV 180.7440, 21.3252, -73.4435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 215, 224) }
```

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

```
.background{ background-color: rgb(97, 215,  
224) }
```

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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