

Converting Colors

YUV(193.1370, 15.2155,
-73.7881)

Have a look what the booklet for
YUV(193.1370, 15.2155, -73.7881)
contains.

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Color

**YUV(193.1370, 15.2155,
-73.7881)**

Conversions

Conversions Part 1

Format	Color
Hex	6DE6E0
RGB	109, 230, 224
RGB Percent	43%, 90%, 88%
CMY	0.5725, 0.0980, 0.1216
CMYK	0.53, 0.00, 0.03, 0.10
HSL	177°, 71%, 66%
HSV	177°, 53%, 90%
XYZ	48.0580, 65.2267, 80.5781
YIQ	193.1370, -70.1900, -27.5180

Conversions

Conversions Part 2

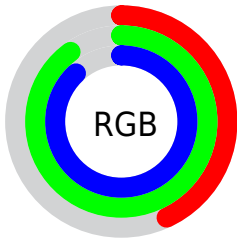
Format	Color
RYB	109, 171, 230
Decimal	7202528
CIELab	84.60, -35.29, -7.46
CIELCh	85, 36.069, 191.929
Yxy	65.2267, 0.2479, 0.3365
Android (android.graphics.Color)	4285392608 (0xFF6DE6E0)
YUV	193.1370, 15.2155, -73.7881
Hunter-Lab	80.7630, -35.1189, -2.6201

Details

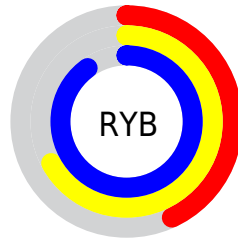
The YUV color **193.1370, 15.2155, -73.7881** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **145.8630, -15.2155, 73.7881**, and the grayscale version is **193.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.2860, 12.6770, -52.8708**, and **133.0650, 17.7160, -82.4950** is the 20% darker color. If you saturate the color by 10%, you get **186.1460, 18.1690, -87.8280**, and if you desaturate by 10%, it is **200.1280, 12.2619, -59.7483**.

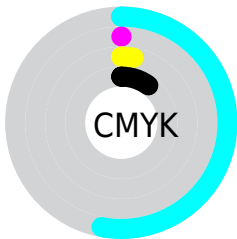
Distribution



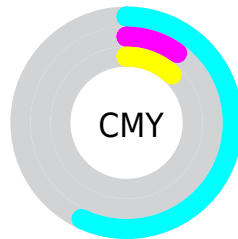
- Red (43%)
- Green (90%)
- Blue (88%)



- Red (43%)
- Yellow (67%)
- Blue (90%)



- Cyan (53%)
- Magenta (0%)
- Yellow (3%)
- Black (10%)



- Cyan (57%)
- Magenta (10%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.1370, 15.2155, -73.7881 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 193.1370, 15.2155, -73.7881 by changing the saturation by 10% instead.

193.1370, 15.2155,
-73.7881

193.1370, 15.2155,
-73.7881

255.0000, 0.0000,
0.0000

163.9410, 15.8051,
-76.2473

229.2860, 12.6770,
-52.8708

133.0650, 17.7160,
-82.4950

238.2560, 8.2548,
-34.4275

102.4770, 19.4848,
-89.8723

247.2260, 3.8326,
-15.9842

84.3650, 16.0891,
-73.9881

66.2530, 12.6933,
-58.1039

49.5430, 9.5923,
-43.4492

33.5340, 6.6387,

-29.4093

■ 17.6390, 4.1220,
-15.4694

■ 0.0000, 0.0000,
0.0000

■ 193.1370, 15.2155,
-73.7881

■ 193.1370, 15.2155,
-73.7881

■ 186.1460, 18.1690,
-87.8280

■ 200.1280, 12.2619,
-59.7483

■ 179.1550, 21.1226,
-101.8679

■ 207.1190, 9.3083,
-45.7084

■ 172.1640, 24.0761,
-115.9078

■ 214.1100, 6.3548,
-31.6685

■ 165.0590, 26.5929,
-129.8477

■ 221.2150, 3.8380,
-17.7286

■ 159.9760, 29.0988,
-140.2990

■ 228.2060, 0.8844,
-3.6887

■ 235.1970, -2.0691,
10.3512

■ 237.7030, -2.8116,
15.1695

■ 237.8170, -2.3748,
15.0695

■ 237.9310, -1.9380,
14.9695

Harmonies

Analogous

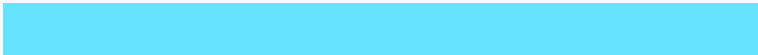
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



198.1390, -4.5055, -48.3569



193.1370, 15.2155, -73.7881



192.8170, 30.6562, -79.6465

Triad

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



193.1370, 15.2155, -73.7881



214.9630, 19.7382, 15.8184



210.9790, -31.5416, 36.8524

Complementary

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



193.1370, 15.2155, -73.7881



145.8630, -15.2155, 73.7881

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.



207.4000, -19.9172, 41.7452



193.1370, 15.2155, -73.7881



213.1630, 9.7796, 36.6910

Square

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



193.1370, 15.2155, -73.7881



208.2530, 23.0463, -18.6389



208.1130, -4.4927, 41.1199



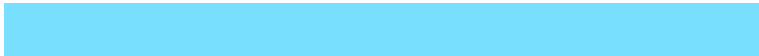
207.5260, -31.3183, 11.8167

Rectangle

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



193.1370, 15.2155, -73.7881



196.1500, 29.0131, -65.9065



208.1130, -4.4927, 41.1199



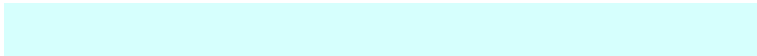
209.7990, -28.4949, 39.6413

Sweetspot

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



193.1370, 15.2155, -73.7881



242.5130, 5.1701, -25.0059



181.8210, -35.9008, -58.6020



120.2970, 2.8116, -15.1695



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.



193.1370, 15.2155, -73.7881



205.9490, 20.2381, -98.1793



162.1230, 33.4634, -46.5889



111.2980, 1.3321, -7.2773



124.4530, 22.4547, -109.1453



35.4090, 6.2074, -31.0537

Inverse Universe

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



145.8630, -15.2155, 73.7881



143.0510, -20.2381, 98.1793



176.8770, -33.4634, 46.5889



106.7020, -1.3321, 7.2773



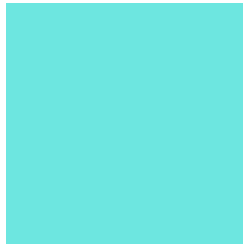
54.5470, -22.4547, 109.1453



15.5910, -6.2074, 31.0537

Previews

White Background



This preview shows how the YUV color 193.1370, 15.2155, -73.7881 looks on a white background.

Color Contrast Check

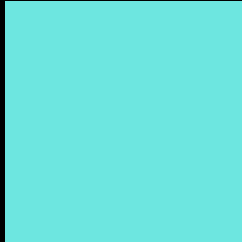
Large Text (above 18pt) WCAG AA × Fail

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 193.1370, 15.2155, -73.7881 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

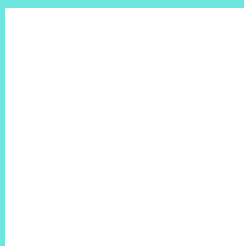
Any Text WCAG AAA ✓ Pass

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

YUV 193.1370, 15.2155, -73.7881 Background



This preview shows how black text looks on a background with the YUV color 193.1370, 15.2155, -73.7881.



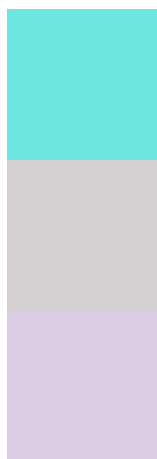
This preview shows how white text looks on a background with the YUV color 193.1370, 15.2155, -73.7881.

-73.7881.

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

193.1370, 15.2155, -73.7881

Protanopia

210.4240, 0.2840, 2.2592

Deuteranopia

212.0470, 8.8508, 7.8518



Tritanopia

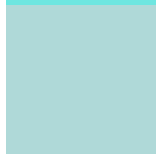
195.8630, 24.2245, -70.0399

Trichromacy



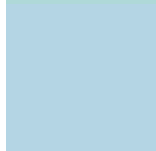
Original Color

193.1370, 15.2155, -73.7881



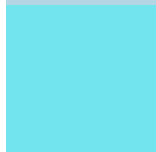
Protanomaly

204.3280, 5.7543, -25.7207



Deuteranomaly

204.8430, 11.4164, -21.7873



Tritanomaly

194.6410, 20.8830, -71.5992

Monochromacy



Original Color

193.1370, 15.2155, -73.7881



Achromatopsia

193.0000, 0.0000, 0.0000



Achromatomaly

192.6160, 5.6123, -26.8502

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.1370, 15.2155, -73.7881 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(109, 230, 224)` looks like.

```
.text, #text, p{  
    color:rgb(109, 230, 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(109, 230, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 230, 224) }
```

Border

The CSS property to change the border of an element to YUV 193.1370, 15.2155, -73.7881 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(109, 230, 224) }
```


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

```
.border{ border-color:rgb(109, 230, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 230, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 230, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 230, 224);  
box-shadow:4px 4px 4px 4px rgb(109, 230,  
224) }
```

Background

The CSS property to change the background color of an element to YUV 193.1370, 15.2155, -73.7881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 230, 224) }
```

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

```
.background{ background-color: rgb(109,  
230, 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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