

Converting Colors

YUV(215.0870, 17.7051,
-79.0063)

Have a look what the booklet for
YUV(215.0870, 17.7051, -79.0063)
contains.

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Color

**YUV(215.0870, 17.7051,
-79.0063)**

Conversions

Conversions Part 1

Format	Color
Hex	7DFEFB
RGB	125, 254, 251
RGB Percent	49%, 100%, 98%
CMY	0.5098, 0.0039, 0.0157
CMYK	0.51, 0.00, 0.01, 0.00
HSL	179°, 98%, 74%
HSV	179°, 51%, 100%
XYZ	61.3118, 82.2086, 103.9032
YIQ	215.0870, -75.9210, -28.2810

Conversions

Conversions Part 2

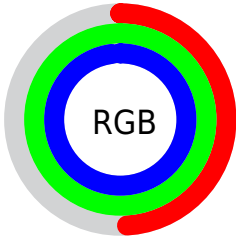
Format	Color
RYB	125, 190, 254
Decimal	8257275
CIELab	92.67, -36.37, -9.55
CIELCh	93, 37.602, 194.707
Yxy	82.2086, 0.2478, 0.3323
Android (android.graphics.Color)	4286447355 (0xFF7DFEFB)
YUV	215.0870, 17.7051, -79.0063
Hunter-Lab	90.6690, -37.9661, -4.4758

Details

The YUV color **215.0870, 17.7051, -79.0063** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **163.9130, -17.7051, 79.0063**, and the grayscale version is **215.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.3690, 10.1711, -42.4196**, and **155.2110, 19.6160, -85.2540** is the 20% darker color. If you saturate the color by 10%, you get **207.4980, 20.9535, -94.2757**, and if you desaturate by 10%, it is **222.6760, 14.4567, -63.7369**.

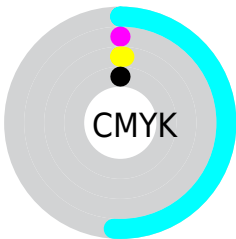
Distribution



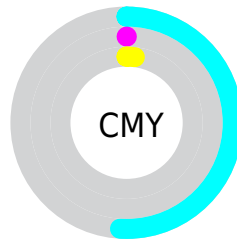
- Red (49%)
- Green (100%)
- Blue (98%)



- Red (49%)
- Yellow (75%)
- Blue (100%)



- Cyan (51%)
- Magenta (0%)
- Yellow (1%)
- Black (0%)



- Cyan (51%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 215.0870, 17.7051, -79.0063 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 215.0870, 17.7051, -79.0063 by changing the saturation by 10% instead.

215.0870, 17.7051,
-79.0063

215.0870, 17.7051,
-79.0063

255.0000, 0.0000,
0.0000

185.1900, 18.1473,
-80.8506

234.3690, 10.1711,
-42.4196

155.2110, 19.6160,
-85.2540

243.3390, 5.7489,
-23.9763

118.2410, 24.0382,
-103.6974

252.6080, 1.1793,
-4.9182

99.4280, 20.4950,
-87.1984

81.3160, 17.0992,
-71.3141

63.7910, 13.4140,
-55.9447

47.0810, 10.3131,

-41.2900

■ 30.9580, 6.9227,
-27.1502

■ 13.4160, 5.7109,
-11.7658

■ 215.0870, 17.7051,
-79.0063

■ 215.0870, 17.7051,
-79.0063

■ 207.4980, 20.9535,
-94.2757

■ 222.6760, 14.4567,
-63.7369

■ 199.7240, 24.7861,
-110.2599

■ 230.4500, 10.6242,
-47.7526

■ 192.1350, 28.0344,
-125.5294

■ 238.0390, 7.3758,
-32.4832

■ 184.3610, 31.8670,
-141.5136

■ 245.8130, 3.5432,
-16.4990

■ 177.3700, 34.8206,
-155.5535

■ 253.4020, 0.2948,
-1.2296

254.4130, 0.2894,
0.5148

Harmonies

Analogous

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



220.4480, -3.1789, -53.8899



215.0870, 17.7051, -79.0063



212.8850, 20.7627, -79.7061

Triad

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



215.0870, 17.7051, -79.0063



233.8680, 10.4181, 18.5328



227.1300, -30.6301, 24.4420

Complementary

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



215.0870, 17.7051, -79.0063



163.9130, -17.7051, 79.0063

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.



222.9530, -18.7108, 28.1052



215.0870, 17.7051, -79.0063



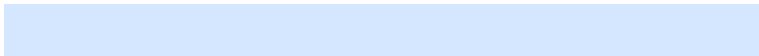
227.8840, 12.8752, 23.7807

Square

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



215.0870, 17.7051, -79.0063



228.3540, 13.1365, -13.4655



222.4920, -2.7076, 28.5095



229.7600, -32.9127, 9.8575

Rectangle

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



215.0870, 17.7051, -79.0063



216.5280, 18.9667, -63.6071



222.4920, -2.7076, 28.5095



225.2380, -27.7253, 26.1013

Sweetspot

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



215.0870, 17.7051, -79.0063



243.5240, 5.1647, -23.2615



201.9190, -37.9211, -63.9500



121.0090, 2.9536, -14.0399



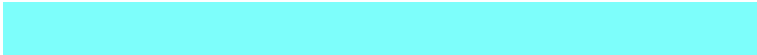
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



215.0870, 17.7051, -79.0063



207.9000, 21.2483, -95.5053



180.2090, 36.3790, -48.4183



123.9990, 1.4795, -7.8921



133.4350, 26.4075, -117.0225



44.6360, 8.5605, -39.1458

Inverse Universe

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



163.9130, -17.7051, 79.0063



146.1000, -21.2483, 95.5053



198.7910, -36.3790, 48.4183



118.8870, -1.9163, 7.9921



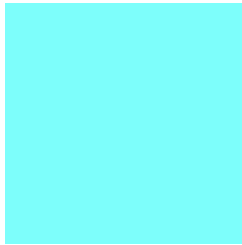
57.5650, -26.4075, 117.0225



19.2500, -8.9972, 39.2458

Previews

White Background



This preview shows how the YUV color 215.0870, 17.7051, -79.0063 looks on a white background.

Color Contrast Check

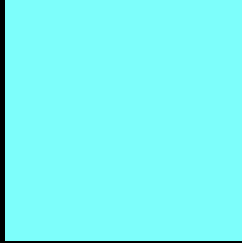
Large Text (above 18pt) WCAG AA × Fail

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 215.0870, 17.7051, -79.0063 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 215.0870, 17.7051, -79.0063

Background



This preview shows how black text looks on a background with the YUV color 215.0870, 17.7051, -79.0063.



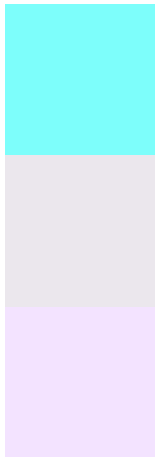
This preview shows how white text looks on a background with the YUV color 215.0870, 17.7051, -79.0063.

-79.0063.

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

215.0870, 17.7051, -79.0063

Protanopia

232.8800, 2.0312, 1.8592

Deuteranopia

234.9760, 9.8718, 7.0370



Tritanopia

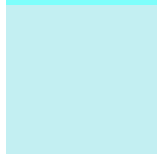
226.7270, 13.9386, -37.4716

Trichromacy



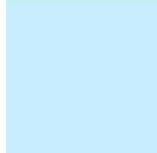
Original Color

215.0870, 17.7051, -79.0063



Protanomaly

226.1860, 7.7963, -27.3501



Deuteranomaly

227.8750, 12.8796, -24.4464



Tritanomaly

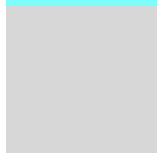
222.6820, 15.4398, -52.3411

Monochromacy



Original Color

215.0870, 17.7051, -79.0063



Achromatopsia

215.0000, 0.0000, 0.0000



Achromatomaly

214.8330, 6.4913, -28.7945

CSS Examples

Text

The CSS property to change the color of the text to YUV 215.0870, 17.7051, -79.0063 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(125, 254, 251)` looks like.

```
.text, #text, p{  
    color:rgb(125, 254, 251)  
}
```

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(125, 254, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 254, 251) }
```

Border

The CSS property to change the border of an element to YUV 215.0870, 17.7051, -79.0063 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(125, 254, 251) }
```


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

```
.border{ border-color:rgb(125, 254, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 254, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 254, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 254, 251);  
box-shadow:4px 4px 4px 4px rgb(125, 254,  
251) }
```

Background

The CSS property to change the background color of an element to YUV 215.0870, 17.7051, -79.0063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 254, 251) }
```

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

```
.background{ background-color: rgb(125,  
254, 251) }
```

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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