

Converting Colors

YUV(200.4470, 15.0626,
-71.4290)

Have a look what the booklet for
YUV(200.4470, 15.0626, -71.4290)
contains.

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Color

**YUV(200.4470, 15.0626,
-71.4290)**

Conversions

Conversions Part 1

Format	Color
Hex	77ECE7
RGB	119, 236, 231
RGB Percent	47%, 93%, 91%
CMY	0.5333, 0.0745, 0.0941
CMYK	0.50, 0.00, 0.02, 0.07
HSL	177°, 75%, 70%
HSV	177°, 50%, 93%
XYZ	52.0270, 69.6824, 86.3092
YIQ	200.4470, -68.1270, -26.3590

Conversions

Conversions Part 2

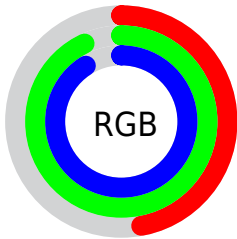
Format	Color
RYB	119, 179, 236
Decimal	7859431
CIELab	86.84, -34.27, -7.78
CIELCh	87, 35.143, 192.796
Yxy	69.6824, 0.2501, 0.3350
Android (android.graphics.Color)	4286049511 (0xFF77ECE7)
YUV	200.4470, 15.0626, -71.4290
Hunter-Lab	83.4760, -34.8315, -2.8692

Details

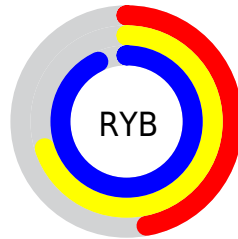
The YUV color **200.4470, 15.0626, -71.4290** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **154.5530, -15.0626, 71.4290**, and the grayscale version is **200.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.2760, 11.2029, -46.7231**, and **141.8700, 16.8261, -77.0620** is the 20% darker color. If you saturate the color by 10%, you get **193.1570, 18.1636, -86.0837**, and if you desaturate by 10%, it is **207.7370, 11.9617, -56.7743**.

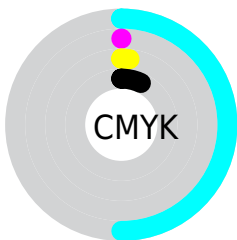
Distribution



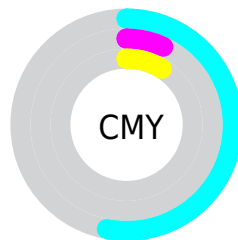
- Red (47%)
- Green (93%)
- Blue (91%)



- Red (47%)
- Yellow (70%)
- Blue (93%)



- Cyan (50%)
- Magenta (0%)
- Yellow (2%)
- Black (7%)



- Cyan (53%)
- Magenta (7%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 200.4470, 15.0626, -71.4290 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 200.4470, 15.0626, -71.4290 by changing the saturation by 10% instead.

200.4470, 15.0626,
-71.4290

200.4470, 15.0626,
-71.4290

255.0000, 0.0000,
0.0000

171.5500, 15.5049,
-73.2733

232.2760, 11.2029,
-46.7231

141.8700, 16.8261,
-77.0620

240.9470, 6.9281,
-28.8945

106.7970, 20.8061,
-93.6610

250.2160, 2.3585,
-9.8364

87.9840, 17.2629,
-77.1620

70.4590, 13.5777,
-61.7925

53.1620, 10.7661,
-46.6231

37.0390, 7.3758,

-32.4832

■ 22.3180, 4.2802,
-19.5729

■ 0.6840, 2.6208,
-0.5999

■ 200.4470, 15.0626,
-71.4290

■ 200.4470, 15.0626,
-71.4290

■ 193.1570, 18.1636,
-86.0837

■ 207.7370, 11.9617,
-56.7743

■ 186.1660, 21.1172,
-100.1236

■ 214.7280, 9.0081,
-42.7345

■ 178.8760, 24.2181,
-114.7783

■ 222.0180, 5.9071,
-28.0798

■ 171.8850, 27.1717,
-128.8181

■ 229.0090, 2.9536,
-14.0399

■ 164.5950, 30.2727,
-143.4728

■ 236.2990, -0.1474,
0.6148

■ 164.2960, 30.4201,
-144.0876

■ 241.7950, -2.3639,
11.5808

■ 241.9090, -1.9271,
11.4808

■ 242.0230, -1.4903,
11.3808

■ 242.1370, -1.0535,
11.2809

Harmonies

Analogous

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



204.9650, -3.9267, -47.3273



200.4470, 15.0626, -71.4290



199.9270, 27.1510, -75.3580

Triad

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



200.4470, 15.0626, -71.4290



220.5780, 16.9700, 17.0331



216.4840, -30.8046, 33.7785

Complementary

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



200.4470, 15.0626, -71.4290



154.5530, -15.0626, 71.4290

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.



212.3070, -18.8854, 37.4418



200.4470, 15.0626, -71.4290



217.8420, 9.9379, 32.5876

Square

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



200.4470, 15.0626, -71.4290



214.1670, 20.1307, -16.8095



212.7920, -4.3345, 37.0164



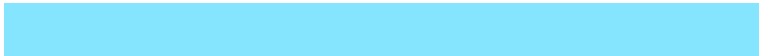
214.3410, -30.7341, 11.1019

Rectangle

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



200.4470, 15.0626, -71.4290



203.2600, 25.5078, -61.6180



212.7920, -4.3345, 37.0164



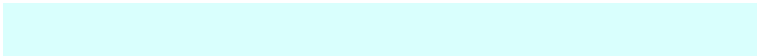
214.7060, -27.4631, 35.3378

Sweetspot

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



200.4470, 15.0626, -71.4290



243.4100, 4.7279, -23.1616



189.4730, -34.7432, -56.5428



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.



200.4470, 15.0626, -71.4290



209.4660, 19.4903, -91.6167



169.9060, 32.5843, -44.6446



113.7110, 1.6215, -6.7625



125.9690, 23.1863, -110.4748



37.5120, 6.6496, -32.8980

Inverse Universe

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



154.5530, -15.0626, 71.4290



150.5340, -19.4903, 91.6167



185.0940, -32.5843, 44.6446



109.2890, -1.6215, 6.7625



55.0310, -23.1863, 110.4748



16.3740, -7.0864, 32.9980

Previews

White Background



This preview shows how the YUV color 200.4470, 15.0626, -71.4290 looks on a white background.

Color Contrast Check

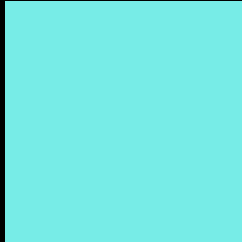
Large Text (above 18pt) WCAG AA × Fail

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 200.4470, 15.0626, -71.4290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

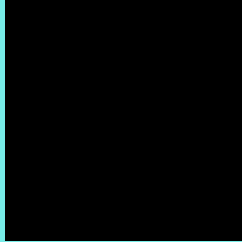
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

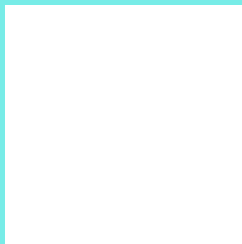
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 200.4470, 15.0626, -71.4290

Background



This preview shows how black text looks on a background with the YUV color 200.4470, 15.0626, -71.4290.



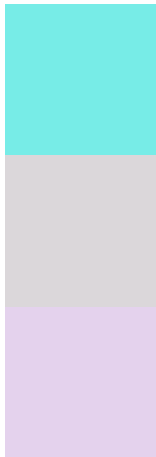
This preview shows how white text looks on a background with the YUV color 200.4470, 15.0626, -71.4290.

-71.4290.

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

200.4470, 15.0626, -71.4290

Protanopia

216.5380, 0.7208, 2.1592

Deuteranopia

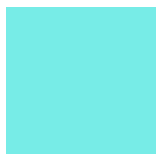
218.4600, 9.1402, 8.3666



Tritanopia

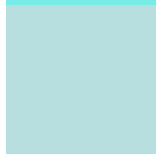
203.1730, 24.0717, -67.6807

Trichromacy



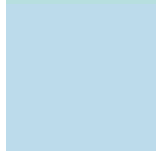
Original Color

200.4470, 15.0626, -71.4290



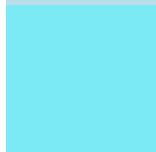
Protanomaly

211.0400, 5.8963, -24.5911



Deuteranomaly

211.5550, 11.5584, -20.6577



Tritanomaly

201.9510, 20.7302, -69.2400

Monochromacy



Original Color

200.4470, 15.0626, -71.4290



Achromatopsia

200.0000, 0.0000, 0.0000



Achromatomaly

200.2140, 5.3175, -25.6207

CSS Examples

Text

The CSS property to change the color of the text to YUV 200.4470, 15.0626, -71.4290 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(119, 236, 231)` looks like.

```
.text, #text, p{  
    color:rgb(119, 236, 231)  
}
```

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(119, 236, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 236, 231) }
```

Border

The CSS property to change the border of an element to YUV 200.4470, 15.0626, -71.4290 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(119, 236, 231) }
```


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

```
.border{ border-color:rgb(119, 236, 231) }
```

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

Here you see how a box with a 4 pixel rgb(119, 236, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 236, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 236, 231);  
box-shadow:4px 4px 4px 4px rgb(119, 236,  
231) }
```

Background

The CSS property to change the background color of an element to YUV 200.4470, 15.0626, -71.4290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 236, 231) }
```

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

```
.background{ background-color: rgb(119,  
236, 231) }
```

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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