

Converting Colors

YUV(217.0770, 13.2730,
-10.5915)

Have a look what the booklet for
YUV(217.0770, 13.2730, -10.5915)
contains.

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Color

**YUV(217.0770, 13.2730,
-10.5915)**

Conversions

Conversions Part 1

Format	Color
Hex	CDDAF4
RGB	205, 218, 244
RGB Percent	80%, 85%, 96%
CMY	0.1961, 0.1451, 0.0431
CMYK	0.16, 0.11, 0.00, 0.04
HSL	220°, 64%, 88%
HSV	220°, 16%, 96%
XYZ	66.5774, 69.6536, 95.5234
YIQ	217.0770, -16.0940, 5.3300

Conversions

Conversions Part 2

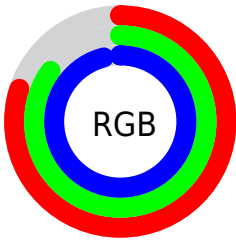
Format	Color
R _Y B	205, 215, 244
Decimal	13490932
CIE Lab	86.83, 0.83, -14.17
CIE LCh	87, 14.198, 273.361
Yxy	69.6536, 0.2873, 0.3005
Android (android.graphics.Color)	4291681012 (0xFFCDDAF4)
YUV	217.0770, 13.2730, -10.5915
Hunter-Lab	83.4587, -3.6583, -9.4398

Details

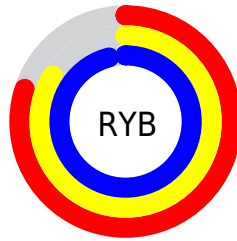
The YUV color **217.0770, 13.2730, -10.5915** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **231.9230, -13.2730, 10.5915**, and the grayscale version is **217.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, 0.0000, 0.0000**, and **161.9630, 12.8362, -10.4916** is the 20% darker color. If you saturate the color by 10%, you get **200.5090, 21.4411, -17.1094**, and if you desaturate by 10%, it is **233.6450, 5.1050, -4.0737**.

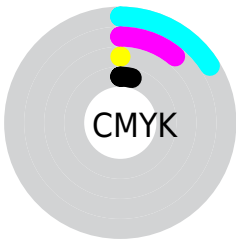
Distribution



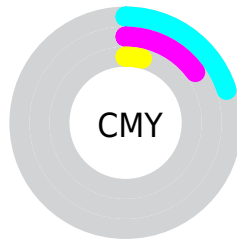
- Red (80%)
- Green (85%)
- Blue (96%)



- Red (80%)
- Yellow (84%)
- Blue (96%)



- Cyan (16%)
- Magenta (11%)
- Yellow (0%)
- Black (4%)



- Cyan (20%)
- Magenta (15%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 217.0770, 13.2730, -10.5915 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 217.0770, 13.2730, -10.5915 by changing the saturation by 10% instead.

■ 217.0770, 13.2730,
-10.5915

■ 217.0770, 13.2730,
-10.5915

255.0000, 0.0000,
0.0000

■ 189.0770, 13.2730,
-10.5915

■ 161.9630, 12.8362,
-10.4916

■ 135.8490, 12.3994,
-10.3916

■ 110.7350, 11.9626,
-10.2916

■ 85.9200, 11.3784,
-9.5768

■ 62.5070, 11.0890,
-10.0916

■ 40.3930, 10.6523,

-9.9917

■ 19.2680, 10.2209,
-11.6360

■ 2.7530, 8.0098,
-2.4144

■ 217.0770, 13.2730,
-10.5915

■ 217.0770, 13.2730,
-10.5915

■ 200.5090, 21.4411,
-17.1094

■ 233.6450, 5.1050,
-4.0737

■ 183.0550, 30.0459,
-23.7272

■ 251.0990, -3.4998,
2.5442

■ 166.4870, 38.2139,
-30.2451

■ 253.7460, -4.8048,
1.0998

■ 149.6200, 46.5293,
-37.3777

■ 133.0520, 54.6974,
-43.8956

■ 115.8970, 63.1548,
-49.8987

■ 99.0300, 71.4702,
-57.0313

■ 82.4620, 79.6382,
-63.5492

■ 75.3630, 83.1380,
-66.0934

Harmonies

Analogous

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



214.8970, 12.8688, -20.9577



217.0770, 13.2730, -10.5915



218.7690, 10.4669, 2.8336

Triad

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



217.0770, 13.2730, -10.5915



219.3790, -8.0748, 23.3466



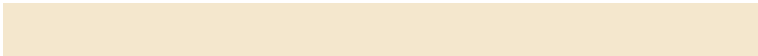
213.7610, -4.3192, -14.6994

Complementary

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



217.0770, 13.2730, -10.5915



231.9230, -13.2730, 10.5915

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.



215.3450, -10.0301, -2.9336



217.0770, 13.2730, -10.5915



218.6080, -12.1317, 17.8838

Square

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



217.0770, 13.2730, -10.5915



219.9750, -1.9597, 21.9469



217.0260, -12.8308, 8.7472



212.5410, 2.6913, -23.2765

Rectangle

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



217.0770, 13.2730, -10.5915



219.9010, 6.9508, 10.6108



217.0260, -12.8308, 8.7472



213.9140, -6.3666, -11.3256

Sweetspot

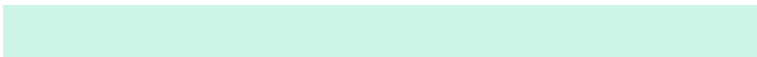
The Sweet Spot groups the original color and five complimentary colors.



217.0770, 13.2730, -10.5915



246.4170, 4.2314, -3.8737



230.8570, 0.0705, -22.6766



122.0860, 2.9156, -1.8294



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.



217.0770, 13.2730, -10.5915



221.8640, 16.3360, -13.0357



211.2400, 16.1507, -0.2105



113.7160, 4.0840, -3.2589



57.5980, 63.3022, -50.5134



18.4660, 19.9833, -16.1947

Inverse Universe

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



218.1430, -0.0705, 22.6766



223.1760, -0.0868, 27.9096



237.7600, -16.1507, 0.2105



114.0440, -0.0217, 6.9774



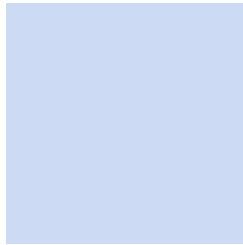
62.6820, -0.3362, 108.1499



19.9210, 0.0389, 34.2723

Previews

White Background



This preview shows how the YUV color 217.0770, 13.2730, -10.5915 looks on a white background.

Color Contrast Check

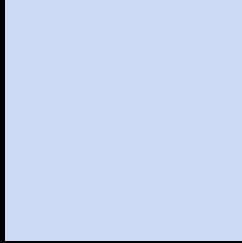
Large Text (above 18pt) WCAG AA × Fail

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 217.0770, 13.2730, -10.5915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

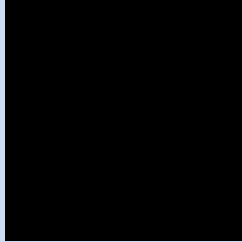
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 217.0770, 13.2730, -10.5915

Background



This preview shows how black text looks on a background with the YUV color 217.0770, 13.2730, -10.5915.



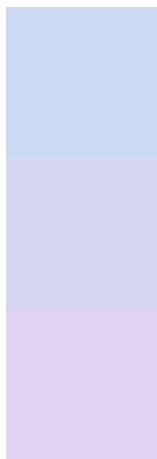
This preview shows how white text looks on a background with the YUV color 217.0770, 13.2730, -10.5915.

-10.5915.

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

217.0770, 13.2730, -10.5915

Protanopia

218.3660, 11.6516, -3.8290

Deuteranopia

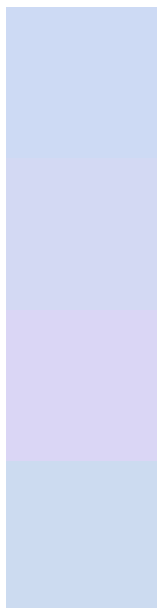
219.6490, 12.4980, 4.6928



Tritanopia

216.5670, 10.0735, -11.0213

Trichromacy



Original Color

217.0770, 13.2730, -10.5915

Protanomaly

218.1700, 12.2412, -6.2881

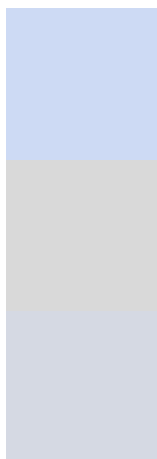
Deuteranomaly

218.7300, 12.9511, -0.6402

Tritanomaly

216.9090, 11.3839, -11.3212

Monochromacy



Original Color

217.0770, 13.2730, -10.5915

Achromatopsia

217.0000, 0.0000, 0.0000

Achromatomaly

216.9440, 4.9576, -3.4589

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.0770, 13.2730, -10.5915 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(205, 218, 244)` looks like.

```
.text, #text, p{  
    color:rgb(205, 218, 244)  
}
```

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(205, 218, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 218, 244) }
```

Border

The CSS property to change the border of an element to YUV 217.0770, 13.2730, -10.5915 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(205, 218, 244) }
```


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

```
.border{ border-color:rgb(205, 218, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 218, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 218, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 218, 244);  
box-shadow:4px 4px 4px 4px rgb(205, 218,  
244) }
```

Background

The CSS property to change the background color of an element to YUV 217.0770, 13.2730, -10.5915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 218, 244) }
```

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

```
.background{ background-color: rgb(205,  
218, 244) }
```

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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