

Converting Colors

YUV(213.6710, 12.4872, 8.1815)

Have a look what the booklet for
YUV(213.6710, 12.4872, 8.1815)
contains.

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Color

**YUV(213.6710, 12.4872,
8.1815)**

Conversions

Conversions Part 1

Format	Color
Hex	DFCCEF
RGB	223, 204, 239
RGB Percent	87%, 80%, 94%
CMY	0.1255, 0.2000, 0.0627
CMYK	0.07, 0.15, 0.00, 0.06
HSL	273°, 52%, 87%
HSV	273°, 15%, 94%
XYZ	67.6043, 65.1057, 90.6649
YIQ	213.6710, 0.0890, 14.9130

Conversions

Conversions Part 2

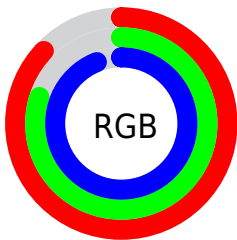
Format	Color
R _Y B	223, 204, 239
Decimal	14666991
CIE Lab	84.54, 12.97, -14.82
CIE LCh	85, 19.690, 311.194
Yxy	65.1057, 0.3026, 0.2915
Android (android.graphics.Color)	4292857071 (0xFFDFCCEF)
YUV	213.6710, 12.4872, 8.1815
Hunter-Lab	80.6881, 8.3515, -10.1393

Details

The YUV color **213.6710, 12.4872, 8.1815** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **229.3290, -12.4872, -8.1815**, and the grayscale version is **214.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, 0.0000, 0.0000**, and **159.1440, 11.7610, 7.7667** is the 20% darker color. If you saturate the color by 10%, you get **196.2940, 21.0541, 13.7742**, and if you desaturate by 10%, it is **231.0480, 3.9203, 2.5889**.

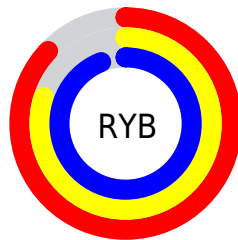
Distribution



Red (87%)

Green (80%)

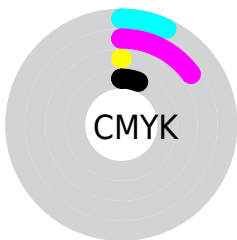
Blue (94%)



Red (87%)

Yellow (80%)

Blue (94%)

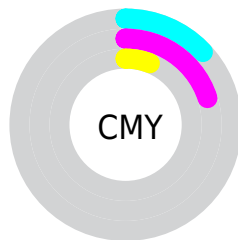


Cyan (7%)

Magenta (15%)

Yellow (0%)

Black (6%)



Cyan (13%)

Magenta (20%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.6710, 12.4872, 8.1815 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 213.6710, 12.4872, 8.1815 by changing the saturation by 10% instead.

■ 213.6710, 12.4872,
8.1815

■ 213.6710, 12.4872,
8.1815

255.0000, 0.0000,
0.0000

■ 186.2580, 12.1978,
7.6667

■ 159.1440, 11.7610,
7.7667

■ 132.7310, 11.4716,
7.2519

■ 107.3180, 11.1822,
6.7371

■ 83.2040, 10.7454,
6.8371

■ 59.7910, 10.4560,
6.3223

■ 37.9650, 9.8773,

5.2927

■ 15.9760, 9.8718,
7.0370

■ 2.0690, 5.3890,
-1.8145

■ 213.6710, 12.4872,
8.1815

■ 213.6710, 12.4872,
8.1815

■ 196.2940, 21.0541,
13.7742

■ 231.0480, 3.9203,
2.5889

■ 178.9170, 29.6209,
19.3668

■ 248.4250, -4.6465,
-3.0037

■ 161.5400, 38.1878,
24.9594

■ 253.1760, -6.9888,
1.5996

■ 144.1630, 46.7546,
30.5520

■ 127.3730, 55.0321,
35.6299

■ 109.9960, 63.5990,
41.2225

■ 92.9180, 72.0184,
47.4299

■ 75.5410, 80.5853,
53.0225

■ 66.1160, 85.2318,
56.0263

Harmonies

Analogous

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



210.9290, 17.7830, -10.4617



213.6710, 12.4872, 8.1815



214.2940, 4.2921, 23.4212

Triad

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



213.6710, 12.4872, 8.1815



211.5500, -17.5261, 21.4427



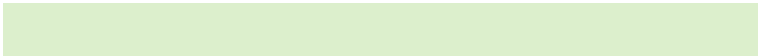
204.0880, 6.3656, -35.1572

Complementary

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



213.6710, 12.4872, 8.1815



229.3290, -12.4872, -8.1815

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.



205.2220, -3.5604, -24.7507



213.6710, 12.4872, 8.1815



209.5760, -17.0460, 7.3878

Square

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



213.6710, 12.4872, 8.1815



213.4570, -13.0433, 30.2942



207.1440, -11.9030, -8.8963



204.6670, 14.9542, -36.5420

Rectangle

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



213.6710, 12.4872, 8.1815



214.4320, -1.6920, 29.4391



207.1440, -11.9030, -8.8963



204.3010, 3.3026, -32.7130

Sweetspot

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



213.6710, 12.4872, 8.1815



247.6350, 3.6309, 2.0741



217.3820, 10.6577, -11.7360



122.9940, 2.4680, 1.7593



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.



213.6710, 12.4872, 8.1815



221.7190, 16.4075, 10.7704



218.3410, 9.6919, 18.1179



111.1620, 4.3571, 2.4889



50.8760, 65.6301, 43.0817



15.3540, 20.0385, 12.8445

Inverse Universe

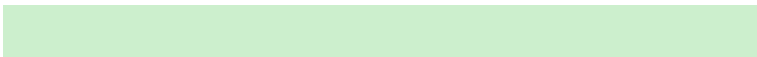
The Inverse Universe completely reimagines the original color for something new.



216.2890, 1.8295, 19.9175



225.1480, 2.3920, 26.1802



224.6590, -9.6919, -18.1179



112.1580, 0.4151, 6.8774



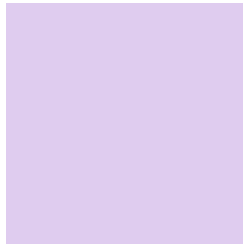
64.5920, 9.5681, 104.7208



19.7080, 3.1020, 31.8281

Previews

White Background



This preview shows how the YUV color 213.6710, 12.4872, 8.1815 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 213.6710, 12.4872, 8.1815 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

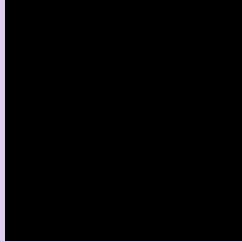
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 213.6710, 12.4872, 8.1815

Background



This preview shows how black text looks on a background with the YUV color 213.6710, 12.4872, 8.1815.



This preview shows how white text looks on a background with the YUV color 213.6710, 12.4872, 8.1815.

8.1815.

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

213.6710, 12.4872, 8.1815

Protanopia

211.5660, 15.0040, -5.7584

Deuteranopia

213.6490, 12.4980, 4.6928



Tritanopia

212.7110, 5.0725, 6.3925

Trichromacy



Original Color

213.6710, 12.4872, 8.1815

Protanomaly

212.3710, 14.1141, -0.3254

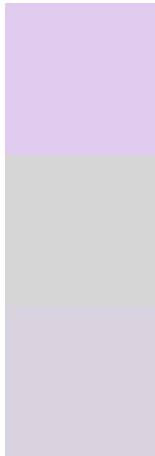
Deuteranomaly

213.3610, 12.6400, 5.8224

Tritanomaly

213.1070, 7.8352, 6.9222

Monochromacy



Original Color

213.6710, 12.4872, 8.1815

Achromatopsia

214.0000, 0.0000, 0.0000

Achromatomaly

213.5750, 4.6465, 3.0037

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.6710, 12.4872, 8.1815 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(223, 204, 239)` looks like.

```
.text, #text, p{  
    color:rgb(223, 204, 239)  
}
```

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(223, 204, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 204, 239) }
```

Border

The CSS property to change the border of an element to YUV 213.6710, 12.4872, 8.1815 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(223, 204, 239) }
```


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

```
.border{ border-color:rgb(223, 204, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 204, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 204, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 204, 239);  
box-shadow:4px 4px 4px 4px rgb(223, 204,  
239) }
```

Background

The CSS property to change the background color of an element to YUV 213.6710, 12.4872, 8.1815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 204, 239) }
```

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

```
.background{ background-color: rgb(223,  
204, 239) }
```

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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