

Converting Colors

YUV(213.7480, 8.9982, 7.2370)

Have a look what the booklet for
YUV(213.7480, 8.9982, 7.2370)
contains.

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Color

**YUV(213.7480, 8.9982,
7.2370)**

Conversions

Conversions Part 1

Format	Color
Hex	DECEE8
RGB	222, 206, 232
RGB Percent	87%, 81%, 91%
CMY	0.1294, 0.1922, 0.0902
CMYK	0.04, 0.11, 0.00, 0.09
HSL	277°, 36%, 86%
HSV	277°, 11%, 91%
XYZ	66.7610, 65.4984, 85.4677
YIQ	213.7480, 1.1900, 11.4780

Conversions

Conversions Part 2

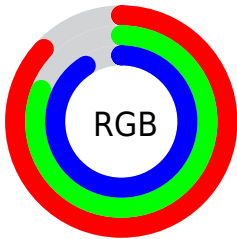
Format	Color
R _Y B	222, 206, 232
Decimal	14601960
CIE Lab	84.74, 10.24, -10.80
CIE LCh	85, 14.881, 313.455
Yxy	65.4984, 0.3066, 0.3008
Android (android.graphics.Color)	4292792040 (0xFFDECEE8)
YUV	213.7480, 8.9982, 7.2370
Hunter-Lab	80.9311, 5.6173, -5.9618

Details

The YUV color `213.7480, 8.9982, 7.2370` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `224.2520, -8.9982, -7.2370`, 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 `159.2210, 8.2720, 6.8222` is the 20% darker color. If you saturate the color by 10%, you get `197.5560, 16.9809, 13.5444`, and if you desaturate by 10%, it is `229.9400, 1.0156, 0.9296`.

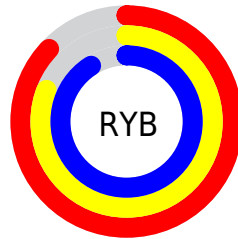
Distribution



Red (87%)

Green (81%)

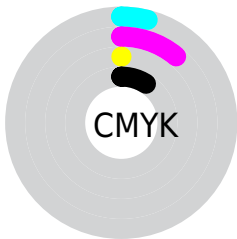
Blue (91%)



Red (87%)

Yellow (81%)

Blue (91%)

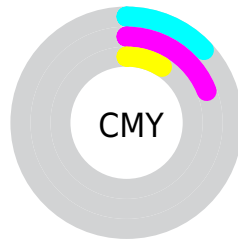


Cyan (4%)

Magenta (11%)

Yellow (0%)

Black (9%)



Cyan (13%)

Magenta (19%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.7480, 8.9982, 7.2370 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 213.7480, 8.9982, 7.2370 by changing the saturation by 10% instead.

■ 213.7480, 8.9982,
7.2370

■ 213.7480, 8.9982,
7.2370

255.0000, 0.0000,
0.0000

■ 185.7480, 8.9982,
7.2370

■ 159.2210, 8.2720,
6.8222

■ 132.9220, 8.4195,
6.2074

■ 107.8080, 7.9827,
6.3074

■ 83.3950, 7.6933,
5.7926

■ 60.2810, 7.2565,
5.8926

■ 38.4550, 6.6777,

4.8630

■ 16.5800, 7.1091,
6.5073

■ 0.4560, 1.7472,
-0.3999

■ 213.7480, 8.9982,
7.2370

■ 213.7480, 8.9982,
7.2370

■ 197.5560, 16.9809,
13.5444

■ 229.9400, 1.0156,
0.9296

■ 181.3640, 24.9635,
19.8518

■ 246.1320, -6.9671,
-5.3778

■ 164.5850, 33.2356,
26.6740

■ 250.5840, -9.1619,
-1.3892

■ 148.3930, 41.2183,
32.9813

■ 252.3780,
-10.0464, 2.2995

■ 132.2010, 49.2009,
39.2887

■ 116.0090, 57.1836,
45.5961

■ 100.1160, 65.0188,
52.5183

■ 83.3370, 73.2909,
59.3405

■ 69.2050, 80.2579,
64.7182

Harmonies

Analogous

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



212.0990, 13.2622, -7.1028



213.7480, 8.9982, 7.2370



214.5060, 2.7085, 17.9732

Triad

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



213.7480, 8.9982, 7.2370



212.2550, -13.4367, 16.4394



206.9150, 5.4649, -26.2355

Complementary

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



213.7480, 8.9982, 7.2370



224.2520, -8.9982, -7.2370

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.



207.0100, -1.9769, -19.3028



213.7480, 8.9982, 7.2370



210.5910, -13.1094, 4.7437

Square

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



213.7480, 8.9982, 7.2370



213.5100, -10.1114, 23.2317



208.9530, -8.8508, -7.8518



207.1090, 11.2853, -26.4056

Rectangle

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



213.7480, 8.9982, 7.2370



214.2740, -2.1071, 22.5617



208.9530, -8.8508, -7.8518



206.9430, 2.9861, -24.5060

Sweetspot

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



213.7480, 8.9982, 7.2370



249.4070, 2.7573, 2.2741



214.8340, 8.4628, -7.7474



123.8800, 2.0312, 1.8592



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.



213.7480, 8.9982, 7.2370



231.7420, 11.4662, 8.9963



216.3960, 6.2138, 13.6847



106.4610, 4.2097, 3.1037



53.2960, 61.9721, 49.7294



15.0830, 17.7071, 13.9592

Inverse Universe

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



214.9140, 0.5354, 14.9844



233.3490, 0.8139, 18.9879



221.6040, -6.2138, -13.6847



107.1580, 0.4151, 6.8774



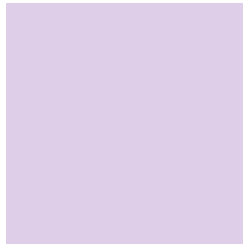
61.3870, 3.7532, 103.1466



17.5290, 1.2182, 29.3541

Previews

White Background



This preview shows how the YUV color 213.7480, 8.9982, 7.2370 looks on a white background.

Color Contrast Check

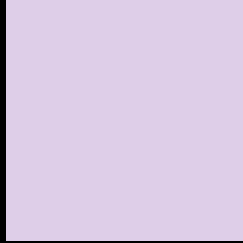
Large Text (above 18pt) WCAG AA × Fail

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 213.7480, 8.9982, 7.2370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

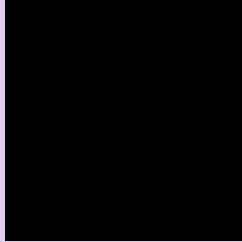
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 213.7480, 8.9982, 7.2370

Background



This preview shows how black text looks on a background with the YUV color 213.7480, 8.9982, 7.2370.



This preview shows how white text looks on a background with the YUV color 213.7480, 8.9982,

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

213.7480, 8.9982, 7.2370

Protanopia

212.5510, 11.0674, -3.1142

Deuteranopia

214.0470, 8.8508, 7.8518



Tritanopia

213.1240, 5.3619, 6.9073

Trichromacy



Original Color

213.7480, 8.9982, 7.2370

Protanomaly

213.3450, 10.1829, 0.5744

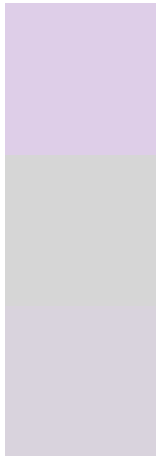
Deuteranomaly

214.0470, 8.8508, 7.8518

Tritanomaly

213.4660, 6.6723, 6.6073

Monochromacy



Original Color

213.7480, 8.9982, 7.2370

Achromatopsia

214.0000, 0.0000, 0.0000

Achromatomaly

213.9340, 3.4835, 2.6889

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.7480, 8.9982, 7.2370 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(222, 206, 232)` looks like.

```
.text, #text, p{  
    color:rgb(222, 206, 232)  
}
```

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(222, 206, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 206, 232) }
```

Border

The CSS property to change the border of an element to YUV 213.7480, 8.9982, 7.2370 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(222, 206, 232) }
```


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

```
.border{ border-color:rgb(222, 206, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 206, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 206, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 206, 232);  
box-shadow:4px 4px 4px 4px rgb(222, 206,  
232) }
```

Background

The CSS property to change the background color of an element to YUV 213.7480, 8.9982, 7.2370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 206, 232) }
```

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

```
.background{ background-color: rgb(222,  
206, 232) }
```

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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