

Converting Colors

YUV(213.9930, 7.3985, 7.0221)

Have a look what the booklet for
YUV(213.9930, 7.3985, 7.0221)
contains.

| | |
|--|----|
| YUV(213.9930, 7.3985, 7.0221) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**YUV(213.9930, 7.3985,
7.0221)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | DECFE5 |
| RGB | 222, 207, 229 |
| RGB Percent | 87%, 81%, 90% |
| CMY | 0.1294, 0.1882, 0.1020 |
| CMYK | 0.03, 0.10, 0.00, 0.10 |
| HSL | 281°, 30%, 85% |
| HSV | 281°, 10%, 90% |
| XYZ | 66.5799, 65.8124, 83.3227 |
| YIQ | 213.9930, 1.8780, 10.0220 |

Conversions

Conversions Part 2

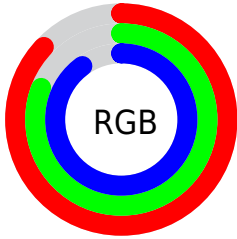
| Format | Color |
|-------------------------------------|-----------------------------|
| R _Y B | 222, 207, 229 |
| Decimal | 14602213 |
| CIE Lab | 84.90, 9.14, -8.97 |
| CIE LCh | 85, 12.805, 315.542 |
| Yxy | 65.8124, 0.3086, 0.3051 |
| Android (android.graphics.Color) | 4292792293 (0xFFDECFE5) |
| YUV | 213.9930, 7.3985, 7.0221 |
| Hunter-Lab | 81.1248, 4.5281, -4.1089 |

Details

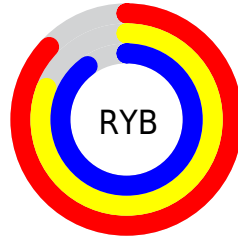
The YUV color `213.9930, 7.3985, 7.0221` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `222.0070, -7.3985, -7.0221`, and the grayscale version is `214.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `159.5800, 7.1091, 6.5073` is the 20% darker color. If you saturate the color by 10%, you get `198.3990, 15.0863, 14.5591`, and if you desaturate by 10%, it is `229.5870, -0.2894, -0.5148`.

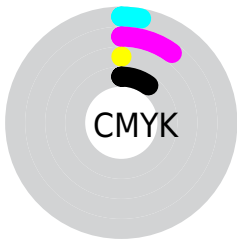
Distribution



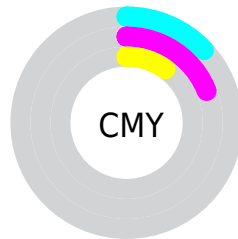
- Red (87%)
- Green (81%)
- Blue (90%)



- Red (87%)
- Yellow (81%)
- Blue (90%)



- Cyan (3%)
- Magenta (10%)
- Yellow (0%)
- Black (10%)



- Cyan (13%)
- Magenta (19%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.9930, 7.3985, 7.0221 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 213.9930, 7.3985, 7.0221 by changing the saturation by 10% instead.

■ 213.9930, 7.3985,
7.0221

■ 213.9930, 7.3985,
7.0221

255.0000, 0.0000,
0.0000

■ 185.9930, 7.3985,
7.0221

■ 159.5800, 7.1091,
6.5073

■ 133.1670, 6.8197,
5.9925

■ 108.0530, 6.3829,
6.0925

■ 83.6400, 6.0935,
5.5777

■ 60.6400, 6.0935,
5.5777

■ 38.2270, 5.8041,

5.0629

■ 17.5260, 5.6567,
5.6777

■ 0.0000, 0.0000,
0.0000

■ 213.9930, 7.3985,
7.0221

■ 213.9930, 7.3985,
7.0221

■ 198.3990, 15.0863,
14.5591

■ 229.5870, -0.2894,
-0.5148

■ 182.5060, 22.9215,
21.4812

■ 245.4800, -8.1246,
-7.4370

■ 166.9120, 30.6094,
29.0182

■ 248.7470, -9.7353,
-4.1631

■ 151.3180, 38.2972,
36.5551

■ 250.8400,
-10.7671, 0.1403

■ 136.3110, 45.6957,
43.5773

■ 252.0360,
-11.3567, 2.5994

■ 120.4180, 53.5309,
50.4994

■ 104.8240, 61.2188,
58.0364

■ 89.2300, 68.9066,
65.5733

■ 73.3370, 76.7419,
72.4955

Harmonies

Analogous

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



212.5400, 11.0728, -4.8586



213.9930, 7.3985, 7.0221



214.2670, 1.8404, 16.4288

Triad

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



213.9930, 7.3985, 7.0221



212.4010, -11.5367, 13.6803



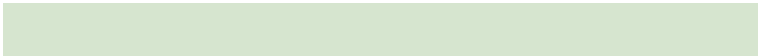
207.8230, 5.0173, -22.6468

Complementary

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



213.9930, 7.3985, 7.0221



222.0070, -7.3985, -7.0221

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.



208.5480, -1.2562, -17.1436



213.9930, 7.3985, 7.0221



210.8620, -10.7780, 3.6290

Square

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



213.9930, 7.3985, 7.0221



213.7160, -9.2270, 19.5431



209.7080, -7.2510, -7.6369



208.7890, 9.9640, -22.6170

Rectangle

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



213.9930, 7.3985, 7.0221



214.5510, -2.2436, 19.6878



209.7080, -7.2510, -7.6369



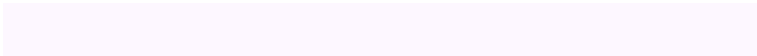
207.9650, 2.9753, -21.0173

Sweetspot

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



213.9930, 7.3985, 7.0221



249.7060, 2.6099, 2.8888



213.6170, 7.5838, -5.8031



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.



213.9930, 7.3985, 7.0221



233.8130, 10.4452, 9.8110



215.6300, 4.6194, 11.7255



106.7600, 4.0623, 3.7185



56.8840, 60.2032, 57.1067



16.2790, 17.1175, 16.4183

Inverse Universe

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



214.3760, -0.1854, 12.8252



234.4090, -0.2016, 18.0583



220.3700, -4.6194, -11.7255



107.0440, -0.0217, 6.9774



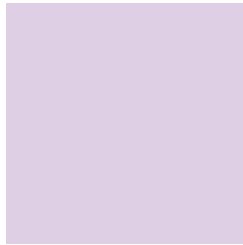
60.0190, -1.4884, 104.3463



17.0730, -0.5290, 29.7540

Previews

White Background



This preview shows how the YUV color 213.9930, 7.3985, 7.0221 looks on a white background.

Color Contrast Check

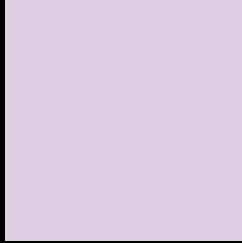
Large Text (above 18pt) WCAG AA × Fail

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 213.9930, 7.3985, 7.0221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

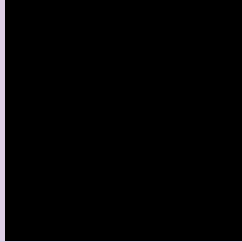
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 213.9930, 7.3985, 7.0221

Background



This preview shows how black text looks on a background with the YUV color 213.9930, 7.3985, 7.0221.



This preview shows how white text looks on a background with the YUV color 213.9930, 7.3985,

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

213.9930, 7.3985, 7.0221

Protanopia

212.9810, 8.8834, -2.6143

Deuteranopia

214.3030, 7.2456, 9.3813



Tritanopia

213.7110, 5.0725, 6.3925

Trichromacy



Original Color

213.9930, 7.3985, 7.0221

Protanomaly

213.4760, 8.1463, 0.4595

Deuteranomaly

214.0040, 7.3930, 8.7665

Tritanomaly

213.9390, 5.9461, 6.1925

Monochromacy



Original Color

213.9930, 7.3985, 7.0221

Achromatopsia

214.0000, 0.0000, 0.0000

Achromatomaly

213.7060, 2.6099, 2.8888

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.9930, 7.3985, 7.0221 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, 207, 229)` looks like.

```
.text, #text, p{  
    color:rgb(222, 207, 229)  
}
```

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, 207, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 207, 229) }
```

Border

The CSS property to change the border of an element to YUV 213.9930, 7.3985, 7.0221 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, 207, 229) }
```


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

```
.border{ border-color:rgb(222, 207, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 207, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 207, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 207, 229);  
box-shadow:4px 4px 4px 4px rgb(222, 207,  
229) }
```

Background

The CSS property to change the background color of an element to YUV 213.9930, 7.3985, 7.0221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 207, 229) }
```

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

```
.background{ background-color: rgb(222,  
207, 229) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor