

Converting Colors

YUV(225.1970, 14.6929, 0.7042)

Have a look what the booklet for
YUV(225.1970, 14.6929, 0.7042)
contains.

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Color

**YUV(225.1970, 14.6929,
0.7042)**

Conversions

Conversions Part 1

Format	Color
Hex	E2DBFF
RGB	226, 219, 255
RGB Percent	89%, 86%, 100%
CMY	0.1137, 0.1412, 0.0000
CMYK	0.11, 0.14, 0.00, 0.00
HSL	252°, 100%, 93%
HSV	252°, 14%, 100%
XYZ	74.7455, 74.0518, 104.9617
YIQ	225.1970, -7.3840, 12.6800

Conversions

Conversions Part 2

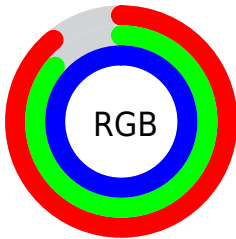
Format	Color
R _Y B	226, 219, 255
Decimal	14867455
CIE Lab	88.95, 9.16, -16.63
CIE LCh	89, 18.982, 298.844
Yxy	74.0518, 0.2946, 0.2918
Android (android.graphics.Color)	4293057535 (0xFFE2DBFF)
YUV	225.1970, 14.6929, 0.7042
Hunter-Lab	86.0533, 4.4509, -12.0803

Details

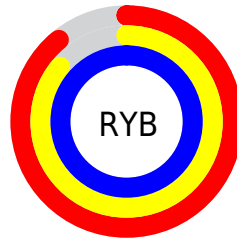
The YUV color $225.1970, 14.6929, 0.7042$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $248.8030, -14.6929, -0.7042$, and the grayscale version is $225.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $169.6700, 13.9667, 0.2894$ is the 20% darker color. If you saturate the color by 10%, you get $204.2430, 25.0232, 0.6639$, and if you desaturate by 10%, it is $246.1510, 4.3626, 0.7446$.

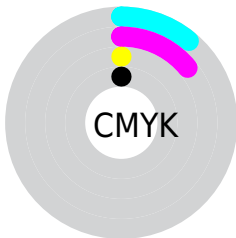
Distribution



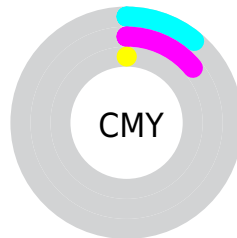
- Red (89%)
- Green (86%)
- Blue (100%)



- Red (89%)
- Yellow (86%)
- Blue (100%)



- Cyan (11%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (11%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 225.1970, 14.6929, 0.7042 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 225.1970, 14.6929, 0.7042 by changing the saturation by 10% instead.

■ 225.1970, 14.6929,
0.7042

■ 225.1970, 14.6929,
0.7042

255.0000, 0.0000,
0.0000

■ 197.0830, 14.2561,
0.8042

■ 169.6700, 13.9667,
0.2894

■ 143.5560, 13.5299,
0.3894

■ 117.4420, 13.0931,
0.4894

■ 93.0290, 12.8037,
-0.0254

■ 69.5020, 12.0775,
-0.4403

■ 46.9750, 11.3513,

-0.8551

■ 25.8610, 10.9145,
-0.7551

■ 3.0780, 11.7935,
-2.6994

■ 225.1970, 14.6929,
0.7042

■ 225.1970, 14.6929,
0.7042

■ 204.2430, 25.0232,
0.6639

■ 246.1510, 4.3626,
0.7446

■ 183.0010, 35.4955,
1.7531

255.0000, 0.0000,
0.0000

■ 162.0470, 45.8258,
1.7128

■ 140.8050, 56.2981,
2.8020

■ 119.2640, 66.9178,
3.2765

■ 98.6090, 77.1008,
3.8509

■ 77.0680, 87.7205,
4.3254

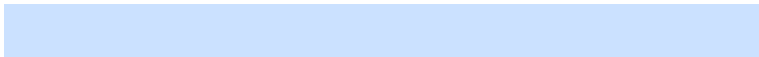
■ 56.4130, 97.9034,
4.8998

■ 44.0200, 104.0131,
5.2445

Harmonies

Analogous

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



221.8420, 16.3469, -16.5244



225.1970, 14.6929, 0.7042



227.0590, 7.3659, 17.4883

Triad

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



225.1970, 14.6929, 0.7042



224.7400, -15.6478, 25.6610



217.0840, 2.4236, -30.7687

Complementary

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



225.1970, 14.6929, 0.7042



248.8030, -14.6929, -0.7042

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.



218.6420, -7.2185, -18.1030



225.1970, 14.6929, 0.7042



223.0930, -17.7938, 13.9504

Square

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



225.1970, 14.6929, 0.7042



224.2870, -8.5225, 26.9353



221.2050, -14.3981, -1.9338



216.7550, 11.4598, -35.7421

Rectangle

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



225.1970, 14.6929, 0.7042



227.0230, 1.9607, 24.5358



221.2050, -14.3981, -1.9338



217.8950, -0.9342, -27.0949

Sweetspot

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



225.1970, 14.6929, 0.7042



246.7380, 4.0732, 0.2298



240.1270, 7.3324, -18.5284



122.0970, 2.9102, -0.0851



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.



225.1970, 14.6929, 0.7042



219.2940, 17.6031, 0.6192



230.5790, 12.0396, 11.7702



117.0800, 5.3836, -0.0702



32.8370, 77.9744, 3.6510



10.8840, 26.1862, 0.9787

Inverse Universe

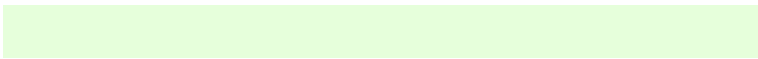
The Inverse Universe completely reimagines the original color for something new.



233.0700, 7.3605, 19.2326



228.8470, 8.9494, 22.9362



243.4210, -12.0396, -11.7702



120.0270, 2.4517, 6.9923



74.6650, 39.1122, 102.0258



24.9500, 12.8427, 34.2468

Previews

White Background



This preview shows how the YUV color 225.1970, 14.6929, 0.7042 looks on a white background.

Color Contrast Check

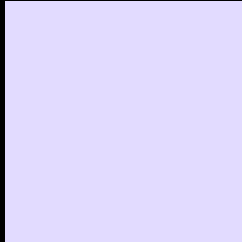
Large Text (above 18pt) WCAG AA × Fail

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 225.1970, 14.6929, 0.7042 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

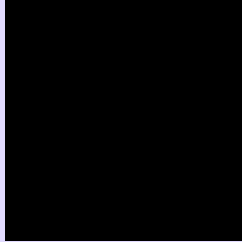
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 225.1970, 14.6929, 0.7042

Background



This preview shows how black text looks on a background with the YUV color 225.1970, 14.6929, 0.7042.



This preview shows how white text looks on a background with the YUV color 225.1970, 14.6929,

0.7042.

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

225.1970, 14.6929, 0.7042

Protanopia

224.5660, 15.0040, -5.7584

Deuteranopia

225.8060, 14.3926, 3.6781



Tritanopia

224.2370, 7.2782, -1.0848

Trichromacy



Original Color

225.1970, 14.6929, 0.7042

Protanomaly

224.8760, 14.8511, -3.3993

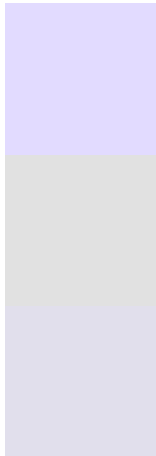
Deuteranomaly

225.5070, 14.5400, 3.0634

Tritanomaly

224.6330, 10.0409, -0.5551

Monochromacy



Original Color

225.1970, 14.6929, 0.7042

Achromatopsia

225.0000, 0.0000, 0.0000

Achromatomaly

225.0800, 5.3836, -0.0702

CSS Examples

Text

The CSS property to change the color of the text to YUV 225.1970, 14.6929, 0.7042 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(226, 219, 255)` looks like.

```
.text, #text, p{  
    color:rgb(226, 219, 255)  
}
```

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(226, 219, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 219, 255) }
```

Border

The CSS property to change the border of an element to YUV 225.1970, 14.6929, 0.7042 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(226, 219, 255) }
```


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

```
.border{ border-color:rgb(226, 219, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 219, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 219, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 219, 255);  
box-shadow:4px 4px 4px 4px rgb(226, 219,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 225.1970, 14.6929, 0.7042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 219, 255) }
```

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

```
.background{ background-color: rgb(226,  
219, 255) }
```

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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