

Converting Colors

YUV(216.7630, 12.9348, 4.5928)

Have a look what the booklet for
YUV(216.7630, 12.9348, 4.5928)
contains.

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Color

**YUV(216.7630, 12.9348,
4.5928)**

Conversions

Conversions Part 1

Format	Color
Hex	DED1F3
RGB	222, 209, 243
RGB Percent	87%, 82%, 95%
CMY	0.1294, 0.1804, 0.0471
CMYK	0.09, 0.14, 0.00, 0.05
HSL	263°, 59%, 89%
HSV	263°, 14%, 95%
XYZ	69.1023, 67.6016, 94.2003
YIQ	216.7630, -3.1660, 13.3300

Conversions

Conversions Part 2

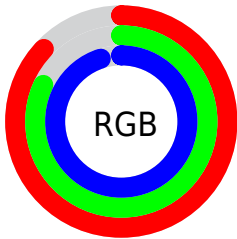
Format	Color
R _Y B	222, 209, 243
Decimal	14602739
CIE Lab	85.81, 10.77, -15.04
CIE LCh	86, 18.503, 305.605
Yxy	67.6016, 0.2993, 0.2928
Android (android.graphics.Color)	4292792819 (0xFFDED1F3)
YUV	216.7630, 12.9348, 4.5928
Hunter-Lab	82.2202, 6.1358, -10.3749

Details

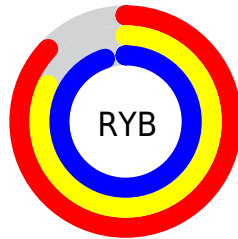
The YUV color $216.7630, 12.9348, 4.5928$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $235.2370, -12.9348, -4.5928$, and the grayscale version is $217.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $162.2360, 12.2087, 4.1780$ is the 20% darker color. If you saturate the color by 10%, you get $198.1900, 22.0913, 7.7264$, and if you desaturate by 10%, it is $235.3360, 3.7784, 1.4593$.

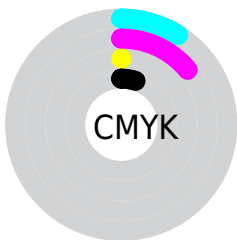
Distribution



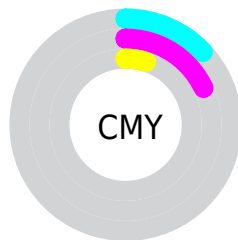
- Red (87%)
- Green (82%)
- Blue (95%)



- Red (87%)
- Yellow (82%)
- Blue (95%)



- Cyan (9%)
- Magenta (14%)
- Yellow (0%)
- Black (5%)



- Cyan (13%)
- Magenta (18%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 216.7630, 12.9348, 4.5928 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 216.7630, 12.9348, 4.5928 by changing the saturation by 10% instead.

■ 216.7630, 12.9348,
4.5928

■ 216.7630, 12.9348,
4.5928

255.0000, 0.0000,
0.0000

■ 188.7630, 12.9348,
4.5928

■ 162.2360, 12.2087,
4.1780

■ 135.8230, 11.9193,
3.6632

■ 110.1220, 11.7719,
4.2780

■ 85.5950, 11.0457,
3.8632

■ 62.7690, 10.4669,
2.8336

■ 40.6550, 10.0301,

2.9336

■ 19.5410, 9.5933,
3.0335

■ 2.5250, 7.1362,
-2.2144

■ 216.7630, 12.9348,
4.5928

■ 216.7630, 12.9348,
4.5928

■ 198.1900, 22.0913,
7.7264

■ 235.3360, 3.7784,
1.4593

■ 179.0300, 31.5372,
11.3747

■ 252.7350, -4.7994,
-0.6446

■ 160.4570, 40.6937,
14.5082

■ 253.6320, -5.2416,
1.1997

■ 141.8840, 49.8502,
17.6417

■ 123.3110, 59.0067,
20.7753

■ 104.1510, 68.4526,
24.4236

■ 85.5780, 77.6090,
27.5571

■ 67.0050, 86.7655,
30.6906

■ 55.5090, 92.4331,
32.8796

Harmonies

Analogous

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



214.0920, 17.2096, -13.2357



216.7630, 12.9348, 4.5928



217.6140, 5.6133, 19.6325

Triad

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



216.7630, 12.9348, 4.5928



215.6040, -16.0738, 22.2723



208.2410, 4.3182, -31.7834

Complementary

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



216.7630, 12.9348, 4.5928



235.2370, -12.9348, -4.5928

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.



209.3150, -4.5923, -20.4473



216.7630, 12.9348, 4.5928



213.4130, -16.4726, 10.1618

Square

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



216.7630, 12.9348, 4.5928



217.0270, -10.8593, 29.7943



211.6390, -12.6400, -5.8224



208.6950, 12.4754, -34.8125

Rectangle

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



216.7630, 12.9348, 4.5928



218.1650, -0.0813, 26.1653



211.6390, -12.6400, -5.8224



208.7530, 1.1078, -28.7244

Sweetspot

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



216.7630, 12.9348, 4.5928



247.3360, 3.7784, 1.4593



225.7900, 8.4845, -14.7248



122.6950, 2.6154, 1.1445



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.



216.7630, 12.9348, 4.5928



221.6860, 16.4238, 5.5374



221.5470, 10.5763, 14.4293



112.8630, 4.5045, 1.8741



42.4330, 70.7785, 25.0533



13.3040, 22.5281, 7.6264

Inverse Universe

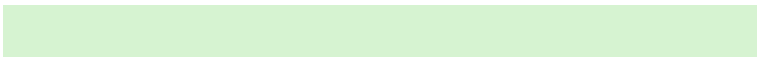
The Inverse Universe completely reimagines the original color for something new.



221.5600, 4.1609, 18.8029



227.8210, 5.0182, 23.8360



230.4530, -10.5763, -14.4293



114.5000, 1.7255, 6.5775



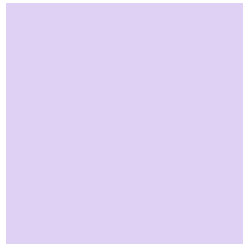
68.7240, 22.8141, 102.8511



21.7450, 7.0277, 32.6726

Previews

White Background



This preview shows how the YUV color 216.7630, 12.9348, 4.5928 looks on a white background.

Color Contrast Check

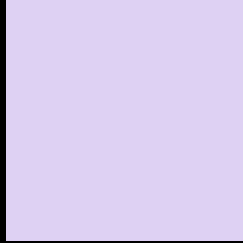
Large Text (above 18pt) WCAG AA × Fail

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 216.7630, 12.9348, 4.5928 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 216.7630, 12.9348, 4.5928

Background



This preview shows how black text looks on a background with the YUV color 216.7630, 12.9348, 4.5928.



This preview shows how white text looks on a background with the YUV color 216.7630, 12.9348,

4.5928.

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

216.7630, 12.9348, 4.5928

Protanopia

215.5660, 15.0040, -5.7584

Deuteranopia

216.7630, 12.9348, 4.5928



Tritanopia

216.2160, 5.8095, 3.3186

Trichromacy



Original Color

216.7630, 12.9348, 4.5928

Protanomaly

216.3600, 14.1195, -2.0697

Deuteranomaly

216.7630, 12.9348, 4.5928

Tritanomaly

216.4980, 8.1355, 3.9483

Monochromacy



Original Color

216.7630, 12.9348, 4.5928

Achromatopsia

217.0000, 0.0000, 0.0000

Achromatomaly

216.8630, 4.5045, 1.8741

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.7630, 12.9348, 4.5928 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, 209, 243)` looks like.

```
.text, #text, p{  
    color:rgb(222, 209, 243)  
}
```

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, 209, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 209, 243) }
```

Border

The CSS property to change the border of an element to YUV 216.7630, 12.9348, 4.5928 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, 209, 243) }
```


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

```
.border{ border-color:rgb(222, 209, 243) }
```

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

Here you see how a box with a 4 pixel rgb(222, 209, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 209, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 209, 243);  
box-shadow:4px 4px 4px 4px rgb(222, 209,  
243) }
```

Background

The CSS property to change the background color of an element to YUV 216.7630, 12.9348, 4.5928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 209, 243) }
```

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

```
.background{ background-color: rgb(222,  
209, 243) }
```

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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