

Converting Colors

YUV(212.7630, 12.9348, 4.5928)

Have a look what the booklet for
YUV(212.7630, 12.9348, 4.5928)
contains.

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Color

**YUV(212.7630, 12.9348,
4.5928)**

Conversions

Conversions Part 1

Format	Color
Hex	DACDEF
RGB	218, 205, 239
RGB Percent	85%, 80%, 94%
CMY	0.1451, 0.1961, 0.0627
CMYK	0.09, 0.14, 0.00, 0.06
HSL	263°, 52%, 87%
HSV	263°, 14%, 94%
XYZ	66.3248, 64.8001, 90.6733
YIQ	212.7630, -3.1660, 13.3300

Conversions

Conversions Part 2

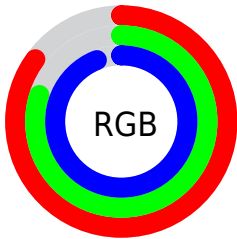
Format	Color
R _{YB}	218, 205, 239
Decimal	14339567
CIE Lab	84.38, 10.81, -15.09
CIE LCh	84, 18.568, 305.618
Yxy	64.8001, 0.2990, 0.2922
Android (android.graphics.Color)	4292529647 (0xFFDACDEF)
YUV	212.7630, 12.9348, 4.5928
Hunter-Lab	80.4985, 6.1983, -10.4352

Details

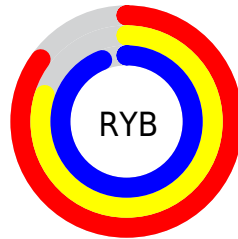
The YUV color $212.7630, 12.9348, 4.5928$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $231.2370, -12.9348, -4.5928$, and the grayscale version is $213.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $158.2360, 12.2087, 4.1780$ is the 20% darker color. If you saturate the color by 10%, you get $194.1900, 22.0913, 7.7264$, and if you desaturate by 10%, it is $231.3360, 3.7784, 1.4593$.

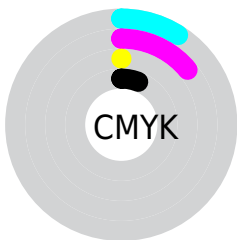
Distribution



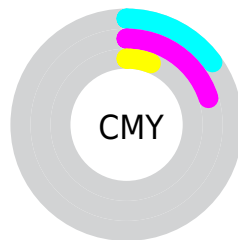
- Red (85%)
- Green (80%)
- Blue (94%)



- Red (85%)
- Yellow (80%)
- Blue (94%)



- Cyan (9%)
- Magenta (14%)
- Yellow (0%)
- Black (6%)



- Cyan (15%)
- Magenta (20%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 212.7630, 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 212.7630, 12.9348, 4.5928 by changing the saturation by 10% instead.

■ 212.7630, 12.9348,
4.5928

■ 212.7630, 12.9348,
4.5928

255.0000, 0.0000,
0.0000

■ 185.3500, 12.6455,
4.0781

■ 158.2360, 12.2087,
4.1780

■ 132.1220, 11.7719,
4.2780

■ 106.7090, 11.4825,
3.7632

■ 82.2960, 11.1931,
3.2484

■ 59.1820, 10.7563,
3.3484

■ 37.6550, 10.0301,

2.9336

■ 15.6660, 10.0247,
4.6779

■ 2.0690, 5.3890,
-1.8145

■ 212.7630, 12.9348,
4.5928

■ 212.7630, 12.9348,
4.5928

■ 194.1900, 22.0913,
7.7264

■ 231.3360, 3.7784,
1.4593

■ 175.6170, 31.2478,
10.8599

■ 249.9090, -5.3781,
-1.6742

■ 157.3430, 40.2569,
14.6082

■ 253.1760, -6.9888,
1.5996

■ 138.7700, 49.4134,
17.7417

■ 120.7840, 58.2805,
20.3604

■ 102.2110, 67.4370,
23.4940

■ 83.9370, 76.4461,
27.2423

■ 65.3640, 85.6025,
30.3758

■ 54.4550, 90.9807,
32.0500

Harmonies

Analogous

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



210.0920, 17.2096, -13.2357



212.7630, 12.9348, 4.5928



213.6140, 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.



212.7630, 12.9348, 4.5928



211.6040, -16.0738, 22.2723



204.2410, 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.



212.7630, 12.9348, 4.5928



231.2370, -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.



205.3150, -4.5923, -20.4473



212.7630, 12.9348, 4.5928



209.4130, -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.



212.7630, 12.9348, 4.5928



213.0270, -10.8593, 29.7943



207.6390, -12.6400, -5.8224



204.6950, 12.4754, -34.8125

Rectangle

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



212.7630, 12.9348, 4.5928



214.1650, -0.0813, 26.1653



207.6390, -12.6400, -5.8224



204.7530, 1.1078, -28.7244

Sweetspot

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



212.7630, 12.9348, 4.5928



247.3360, 3.7784, 1.4593



221.7900, 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.



212.7630, 12.9348, 4.5928



221.6860, 16.4238, 5.5374



217.5470, 10.5763, 14.4293



110.5640, 4.6519, 1.2594



41.9060, 70.0523, 24.6384



12.6630, 21.3651, 7.3115

Inverse Universe

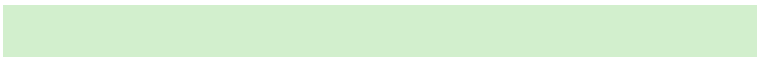
The Inverse Universe completely reimagines the original color for something new.



217.5600, 4.1609, 18.8029



227.8210, 5.0182, 23.8360



226.4530, -10.5763, -14.4293



112.3860, 1.2887, 6.6775



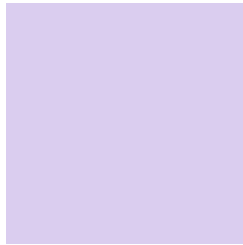
67.8980, 22.2353, 101.8215



20.7340, 7.0331, 30.9283

Previews

White Background



This preview shows how the YUV color 212.7630, 12.9348, 4.5928 looks on a white background.

Color Contrast Check

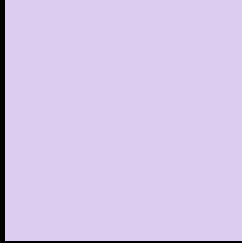
Large Text (above 18pt) WCAG AA × Fail

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 212.7630, 12.9348, 4.5928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

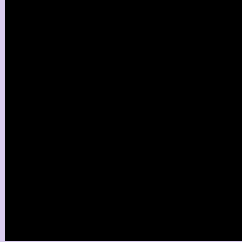
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 212.7630, 12.9348, 4.5928

Background



This preview shows how black text looks on a background with the YUV color 212.7630, 12.9348, 4.5928.



This preview shows how white text looks on a background with the YUV color 212.7630, 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

212.7630, 12.9348, 4.5928

Protanopia

211.5660, 15.0040, -5.7584

Deuteranopia

212.7630, 12.9348, 4.5928



Tritanopia

212.2160, 5.8095, 3.3186

Trichromacy



Original Color

212.7630, 12.9348, 4.5928

Protanomaly

212.3600, 14.1195, -2.0697

Deuteranomaly

212.7630, 12.9348, 4.5928

Tritanomaly

212.4980, 8.1355, 3.9483

Monochromacy



Original Color

212.7630, 12.9348, 4.5928

Achromatopsia

213.0000, 0.0000, 0.0000

Achromatomaly

212.8630, 4.5045, 1.8741

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.7630, 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(218, 205, 239)` looks like.

```
.text, #text, p{  
    color:rgb(218, 205, 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(218, 205, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 205, 239) }
```

Border

The CSS property to change the border of an element to YUV 212.7630, 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(218, 205, 239) }
```


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

```
.border{ border-color:rgb(218, 205, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 205, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 205, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 205, 239);  
box-shadow:4px 4px 4px 4px rgb(218, 205,  
239) }
```

Background

The CSS property to change the background color of an element to YUV 212.7630, 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(218, 205, 239) }
```

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

```
.background{ background-color: rgb(218,  
205, 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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