

Converting Colors

YUV(216.5690, 7.1145, 4.7630)

Have a look what the booklet for
YUV(216.5690, 7.1145, 4.7630)
contains.

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Color

**YUV(216.5690, 7.1145,
4.7630)**

Conversions

Conversions Part 1

Format	Color
Hex	DED3E7
RGB	222, 211, 231
RGB Percent	87%, 83%, 91%
CMY	0.1294, 0.1725, 0.0941
CMYK	0.04, 0.09, 0.00, 0.09
HSL	273°, 29%, 87%
HSV	273°, 9%, 91%
XYZ	67.8423, 67.8876, 85.1293
YIQ	216.5690, 0.1360, 8.5520

Conversions

Conversions Part 2

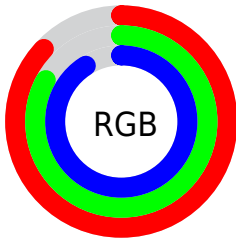
Format	Color
R _Y B	222, 211, 231
Decimal	14603239
CIE Lab	85.95, 7.40, -8.47
CIE LCh	86, 11.252, 311.155
Yxy	67.8876, 0.3072, 0.3074
Android (android.graphics.Color)	4292793319 (0xFFDED3E7)
YUV	216.5690, 7.1145, 4.7630
Hunter-Lab	82.3940, 2.7855, -3.5825

Details

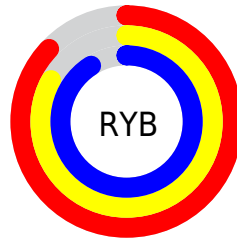
The YUV color `216.5690, 7.1145, 4.7630` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `225.4310, -7.1145, -4.7630`, and the grayscale version is `216.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `162.0420, 6.3883, 4.3482` is the 20% darker color. If you saturate the color by 10%, you get `200.0780, 15.2445, 10.4556`, and if you desaturate by 10%, it is `233.0600, -1.0156, -0.9296`.

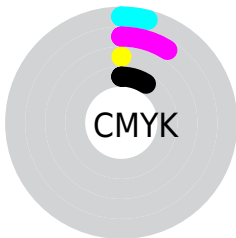
Distribution



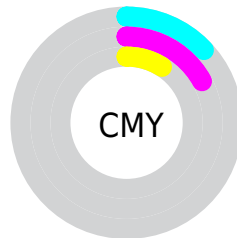
- Red (87%)
- Green (83%)
- Blue (91%)



- Red (87%)
- Yellow (83%)
- Blue (91%)



- Cyan (4%)
- Magenta (9%)
- Yellow (0%)
- Black (9%)



- Cyan (13%)
- Magenta (17%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 216.5690, 7.1145, 4.7630 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 216.5690, 7.1145, 4.7630 by changing the saturation by 10% instead.

■ 216.5690, 7.1145,
4.7630

■ 216.5690, 7.1145,
4.7630

255.0000, 0.0000,
0.0000

■ 188.5690, 7.1145,
4.7630

■ 162.0420, 6.3883,
4.3482

■ 135.1560, 6.8251,
4.2482

■ 110.0420, 6.3883,
4.3482

■ 85.6290, 6.0989,
3.8334

■ 62.5150, 5.6621,
3.9333

■ 41.1020, 5.3727,

3.4185

■ 20.1020, 5.3727,
3.4185

■ 0.4560, 1.7472,
-0.3999

■ 216.5690, 7.1145,
4.7630

■ 216.5690, 7.1145,
4.7630

■ 200.0780, 15.2445,
10.4556

■ 233.0600, -1.0156,
-0.9296

■ 183.2880, 23.5220,
15.5334

■ 248.6760, -8.7143,
-4.9779

■ 166.7970, 31.6521,
21.2260

■ 251.6660,
-10.1883, 1.1699

■ 150.0070, 39.9295,
26.3039

■ 252.2640,
-10.4832, 2.3995

■ 132.9290, 48.3490,
32.5113

■ 116.4380, 56.4791,
38.2039

■ 99.6480, 64.7565,
43.2817

■ 83.1570, 72.8866,
48.9743

■ 66.3670, 81.1641,
54.0521

Harmonies

Analogous

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



215.0130, 10.3466, -5.2734



216.5690, 7.1145, 4.7630



217.6580, 2.1406, 13.4549

Triad

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



216.5690, 7.1145, 4.7630



215.4440, -10.0789, 12.7656



211.2040, 3.8434, -19.4729

Complementary

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



216.5690, 7.1145, 4.7630



225.4310, -7.1145, -4.7630

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.



212.0430, -1.9932, -14.0697



216.5690, 7.1145, 4.7630



214.1010, -9.9098, 5.1734

Square

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



216.5690, 7.1145, 4.7630



216.4600, -7.6218, 18.0136



213.1320, -6.9671, -5.3778



211.7570, 8.5008, -19.9579

Rectangle

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



216.5690, 7.1145, 4.7630



217.4690, -1.2172, 17.1287



213.1320, -6.9671, -5.3778



211.3460, 1.8014, -17.8434

Sweetspot

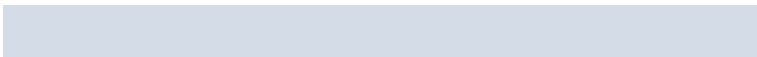
The Sweet Spot groups the original color and five complimentary colors.



216.5690, 7.1145, 4.7630



249.4070, 2.7573, 2.2741



218.5630, 6.1314, -6.6328



123.5810, 2.1786, 1.2445



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.



216.5690, 7.1145, 4.7630



237.0360, 8.8563, 6.1074



219.1460, 5.3510, 10.3960



106.4610, 4.2097, 3.1037



49.7080, 63.7410, 42.3521



14.1860, 18.1493, 12.1149

Inverse Universe

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



218.0060, 0.9830, 11.3957



238.7290, 1.1196, 14.2697



222.8540, -5.3510, -10.3960



107.1580, 0.4151, 6.8774



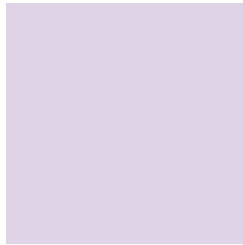
62.6410, 8.5580, 102.0468



17.8710, 2.5286, 29.0541

Previews

White Background



This preview shows how the YUV color 216.5690, 7.1145, 4.7630 looks on a white background.

Color Contrast Check

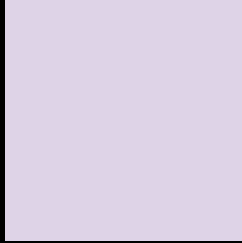
Large Text (above 18pt) WCAG AA × Fail

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 216.5690, 7.1145, 4.7630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

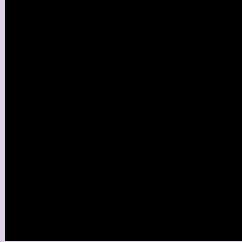
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 216.5690, 7.1145, 4.7630

Background



This preview shows how black text looks on a background with the YUV color 216.5690, 7.1145, 4.7630.



This preview shows how white text looks on a background with the YUV color 216.5690, 7.1145,

4.7630.

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

216.5690, 7.1145, 4.7630

Protanopia

216.1660, 8.2992, -1.8996

Deuteranopia

217.1890, 6.8088, 9.4812



Tritanopia

216.2270, 5.8041, 5.0629

Trichromacy



Original Color

216.5690, 7.1145, 4.7630

Protanomaly

216.3620, 7.7095, 0.5595

Deuteranomaly

217.1780, 6.8142, 7.7369

Tritanomaly

216.3410, 6.2409, 4.9629

Monochromacy



Original Color

216.5690, 7.1145, 4.7630

Achromatopsia

217.0000, 0.0000, 0.0000

Achromatomaly

216.9940, 2.4680, 1.7593

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.5690, 7.1145, 4.7630 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, 211, 231)` looks like.

```
.text, #text, p{  
    color:rgb(222, 211, 231)  
}
```

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, 211, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 211, 231) }
```

Border

The CSS property to change the border of an element to YUV 216.5690, 7.1145, 4.7630 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, 211, 231) }
```


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

```
.border{ border-color:rgb(222, 211, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 211, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 211, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 211, 231);  
box-shadow:4px 4px 4px 4px rgb(222, 211,  
231) }
```

Background

The CSS property to change the background color of an element to YUV 216.5690, 7.1145, 4.7630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 211, 231) }
```

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

```
.background{ background-color: rgb(222,  
211, 231) }
```

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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