

Converting Colors

YUV(214.4690, 15.5448, 7.4817)

Have a look what the booklet for
YUV(214.4690, 15.5448, 7.4817)
contains.

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Color

**YUV(214.4690, 15.5448,
7.4817)**

Conversions

Conversions Part 1

Format	Color
Hex	DFCCF6
RGB	223, 204, 246
RGB Percent	87%, 80%, 96%
CMY	0.1255, 0.2000, 0.0353
CMYK	0.09, 0.17, 0.00, 0.04
HSL	267°, 70%, 88%
HSV	267°, 17%, 96%
XYZ	68.6588, 65.5275, 96.2181
YIQ	214.4690, -2.1580, 17.0900

Conversions

Conversions Part 2

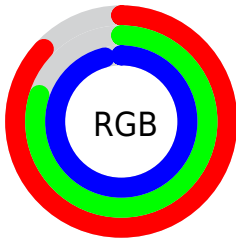
Format	Color
R _Y B	223, 204, 246
Decimal	14666998
CIE Lab	84.75, 14.34, -18.21
CIE LCh	85, 23.179, 308.228
Yxy	65.5275, 0.2980, 0.2844
Android (android.graphics.Color)	4292857078 (0xFFDFCCF6)
YUV	214.4690, 15.5448, 7.4817
Hunter-Lab	80.9491, 9.7381, -13.8093

Details

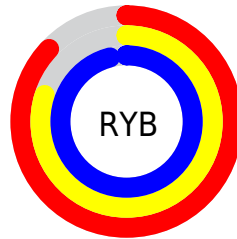
The YUV color **214.4690, 15.5448, 7.4817** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **235.5310, -15.5448, -7.4817**, and the grayscale version is **214.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, 0.0000, 0.0000**, and **159.9420, 14.8186, 7.0669** is the 20% darker color. If you saturate the color by 10%, you get **195.9070, 24.6958, 12.3596**, and if you desaturate by 10%, it is **233.0310, 6.3937, 2.6038**.

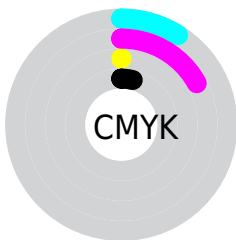
Distribution



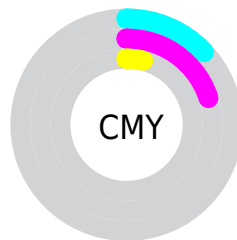
- Red (87%)
- Green (80%)
- Blue (96%)



- Red (87%)
- Yellow (80%)
- Blue (96%)



- Cyan (9%)
- Magenta (17%)
- Yellow (0%)
- Black (4%)



- Cyan (13%)
- Magenta (20%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 214.4690, 15.5448, 7.4817 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 214.4690, 15.5448, 7.4817 by changing the saturation by 10% instead.

■ 214.4690, 15.5448,
7.4817

■ 214.4690, 15.5448,
7.4817

255.0000, 0.0000,
0.0000

■ 186.9420, 14.8186,
7.0669

■ 159.9420, 14.8186,
7.0669

■ 133.5290, 14.5292,
6.5521

■ 108.0020, 13.8030,
6.1372

■ 83.5890, 13.5136,
5.6224

■ 60.3610, 12.6400,
5.8224

■ 38.5350, 12.0612,

4.7928

■ 16.2470, 12.2032,
5.9224

■ 2.8670, 8.4466,
-2.5144

■ 214.4690, 15.5448,
7.4817

■ 214.4690, 15.5448,
7.4817

■ 195.9070, 24.6958,
12.3596

■ 233.0310, 6.3937,
2.6038

■ 177.6330, 33.7049,
16.1079

■ 251.3050, -2.6154,
-1.1445

■ 159.0710, 42.8560,
20.9857

■ 253.9740, -3.9312,
0.8998

■ 140.7970, 51.8651,
24.7340

■ 122.2350, 61.0161,
29.6119

■ 103.3740, 70.3146,
33.8750

■ 85.3990, 79.1763,
38.2381

■ 66.5380, 88.4748,
42.5012

■ 61.2330, 91.0901,
43.6457

Harmonies

Analogous

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



210.9330, 21.7250, -14.8502



214.4690, 15.5448, 7.4817



215.4730, 6.1758, 25.8952

Triad

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



214.4690, 15.5448, 7.4817



212.6000, -20.0158, 26.6608



202.8700, 6.9661, -41.1050

Complementary

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



214.4690, 15.5448, 7.4817



235.5310, -15.5448, -7.4817

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.



204.8580, -4.8600, -27.9395



214.4690, 15.5448, 7.4817



209.9740, -20.6932, 10.5468

Square

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



214.4690, 15.5448, 7.4817



214.1480, -14.3700, 35.8272



207.9330, -15.2500, -8.7112



203.7800, 16.8705, -44.5341

Rectangle

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



214.4690, 15.5448, 7.4817



215.3940, -0.6872, 33.8575



207.9330, -15.2500, -8.7112



203.1540, 2.8821, -37.8461

Sweetspot

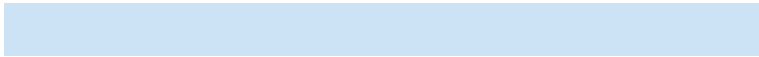
The Sweet Spot groups the original color and five complimentary colors.



214.4690, 15.5448, 7.4817



245.2760, 4.7939, 2.3889



222.2890, 11.6895, -16.0395



121.8090, 3.0522, 1.0445



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.



214.4690, 15.5448, 7.4817



216.6910, 18.8863, 9.0410



220.7480, 12.4492, 20.3920



113.1620, 4.3571, 2.4889



46.3200, 68.8622, 33.0454



14.7990, 21.7911, 10.7003

Inverse Universe

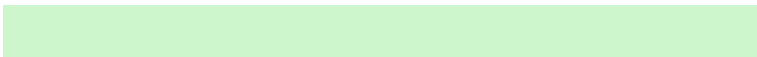
The Inverse Universe completely reimagines the original color for something new.



219.1800, 3.8553, 23.5211



222.4410, 4.7126, 28.5542



229.2520, -12.4492, -20.3920



114.3860, 1.2887, 6.6775



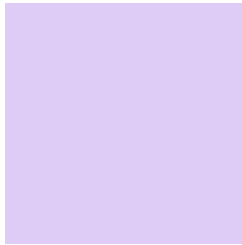
67.2420, 17.1357, 104.1508



21.2890, 5.2805, 33.0725

Previews

White Background



This preview shows how the YUV color 214.4690, 15.5448, 7.4817 looks on a white background.

Color Contrast Check

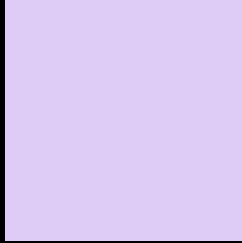
Large Text (above 18pt) WCAG AA × Fail

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 214.4690, 15.5448, 7.4817 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

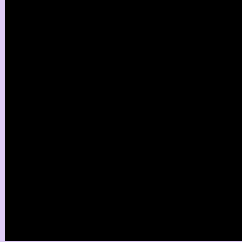
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 214.4690, 15.5448, 7.4817

Background



This preview shows how black text looks on a background with the YUV color 214.4690, 15.5448, 7.4817.



This preview shows how white text looks on a background with the YUV color 214.4690, 15.5448,

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

214.4690, 15.5448, 7.4817

Protanopia

212.7660, 18.3564, -7.6878

Deuteranopia

213.5500, 15.9978, 2.1486



Tritanopia

213.1130, 5.3673, 5.1629

Trichromacy



Original Color

214.4690, 15.5448, 7.4817

Protanomaly

213.5710, 17.4665, -2.2548

Deuteranomaly

213.8600, 15.8450, 4.5078

Tritanomaly

213.7370, 9.0037, 5.4927

Monochromacy



Original Color

214.4690, 15.5448, 7.4817

Achromatopsia

214.0000, 0.0000, 0.0000

Achromatomaly

213.9170, 5.9569, 2.7038

CSS Examples

Text

The CSS property to change the color of the text to YUV 214.4690, 15.5448, 7.4817 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(223, 204, 246)` looks like.

```
.text, #text, p{  
    color:rgb(223, 204, 246)  
}
```

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(223, 204, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 204, 246) }
```

Border

The CSS property to change the border of an element to YUV 214.4690, 15.5448, 7.4817 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(223, 204, 246) }
```


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

```
.border{ border-color:rgb(223, 204, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 204, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 204, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 204, 246);  
box-shadow:4px 4px 4px 4px rgb(223, 204,  
246) }
```

Background

The CSS property to change the background color of an element to YUV 214.4690, 15.5448, 7.4817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 204, 246) }
```

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

```
.background{ background-color: rgb(223,  
204, 246) }
```

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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