

Converting Colors

YUV(213.8690, 5.4876, 13.2699)

Have a look what the booklet for
YUV(213.8690, 5.4876, 13.2699)
contains.

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Color

**YUV(213.8690, 5.4876,
13.2699)**

Conversions

Conversions Part 1

Format	Color
Hex	E5CCE1
RGB	229, 204, 225
RGB Percent	90%, 80%, 88%
CMY	0.1020, 0.2000, 0.1176
CMYK	0.00, 0.11, 0.02, 0.10
HSL	310°, 32%, 85%
HSV	310°, 11%, 90%
XYZ	67.4966, 65.2800, 80.2770
YIQ	213.8690, 8.1590, 11.8310

Conversions

Conversions Part 2

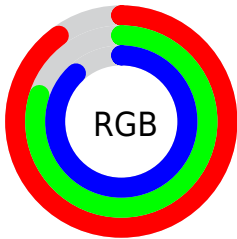
Format	Color
R _Y B	229, 204, 225
Decimal	15060193
CIE Lab	84.63, 12.34, -7.18
CIE LCh	85, 14.282, 329.808
Yxy	65.2800, 0.3168, 0.3064
Android (android.graphics.Color)	4293250273 (0xFFE5CCE1)
YUV	213.8690, 5.4876, 13.2699
Hunter-Lab	80.7960, 7.7249, -2.3519

Details

The YUV color $213.8690, 5.4876, 13.2699$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $219.1310, -5.4876, -13.2699$, 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 $159.1570, 5.3456, 12.1403$ is the 20% darker color. If you saturate the color by 10%, you get $199.9120, 10.3964, 25.5102$, and if you desaturate by 10%, it is $227.8260, 0.5788, 1.0296$.

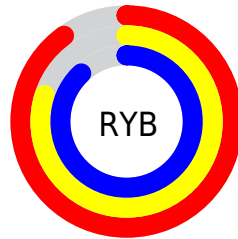
Distribution



Red (90%)

Green (80%)

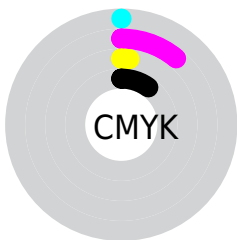
Blue (88%)



Red (90%)

Yellow (80%)

Blue (88%)

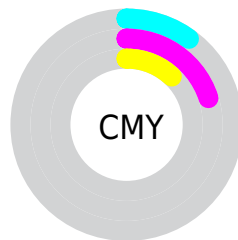


Cyan (0%)

Magenta (11%)

Yellow (2%)

Black (10%)



Cyan (10%)

Magenta (20%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.8690, 5.4876, 13.2699 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 213.8690, 5.4876, 13.2699 by changing the saturation by 10% instead.

213.8690, 5.4876,
13.2699

213.8690, 5.4876,
13.2699

255.0000, 0.0000,
0.0000

186.4560, 5.1982,
12.7551

159.1570, 5.3456,
12.1403

133.0430, 4.9088,
12.2403

107.7440, 5.0562,
11.6255

83.3310, 4.7668,
11.1107

59.9180, 4.4774,
10.5959

38.2060, 4.3354,

9.4663

■ 16.3310, 4.7668,
11.1107

■ 0.0000, 0.0000,
0.0000

■ 213.8690, 5.4876,
13.2699

■ 213.8690, 5.4876,
13.2699

■ 199.9120, 10.3964,
25.5102

■ 227.8260, 0.5788,
1.0296

■ 186.0690, 15.7420,
37.6505

■ 241.6690, -4.7668,
-11.1107

■ 172.1120, 20.6508,
49.8908

■ 245.0600, -4.4666,
-14.0846

■ 158.1550, 25.5596,
62.1311

■ 245.5160, -2.7194,
-14.4845

144.8990, 30.6158,
73.7566

245.8580, -1.4090,
-14.7845

130.9420, 35.5246,
85.9969

246.3140, 0.3382,
-15.1844

116.9850, 40.4334,
98.2372

246.7700, 2.0854,
-15.5843

103.1420, 45.7790,
110.3775

247.1120, 3.3958,
-15.8842

90.3590, 50.1090,
121.5882

247.2260, 3.8326,
-15.9842

Harmonies

Analogous

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



212.8720, 10.9091, 0.9893



213.8690, 5.4876, 13.2699



213.9040, -0.9387, 21.1322

Triad

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



213.8690, 5.4876, 13.2699



210.6240, -13.1256, 9.9768



207.0120, 8.3751, -26.3205

Complementary

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



213.8690, 5.4876, 13.2699



219.1310, -5.4876, -13.2699

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.



206.7260, 2.1071, -22.5617



213.8690, 5.4876, 13.2699



209.5300, -10.6143, -2.2188

Square

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



213.8690, 5.4876, 13.2699



212.3200, -11.9898, 19.0134



207.8320, -5.3402, -13.8847



208.1850, 12.7268, -22.0872

Rectangle

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



213.8690, 5.4876, 13.2699



213.4760, -5.1647, 23.2615



207.8320, -5.3402, -13.8847



206.5560, 6.6279, -25.9206

Sweetspot

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



213.8690, 5.4876, 13.2699



250.1900, 1.8783, 4.2184



208.0460, 10.3303, -0.0403



124.3640, 1.2995, 3.1888



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.



213.8690, 5.4876, 13.2699



235.0590, 7.3659, 17.4883



212.5010, 0.2460, 14.4696



107.7280, 2.5991, 6.3775



70.6210, 39.1338, 95.0484



20.1510, 11.2646, 27.0546

Inverse Universe

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



213.8690, 5.4876, 13.2699



235.0590, 7.3659, 17.4883



220.4990, -0.2460, -14.4696



107.7280, 2.5991, 6.3775



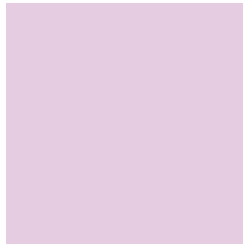
70.6210, 39.1338, 95.0484



20.1510, 11.2646, 27.0546

Previews

White Background



This preview shows how the YUV color 213.8690, 5.4876, 13.2699 looks on a white background.

Color Contrast Check

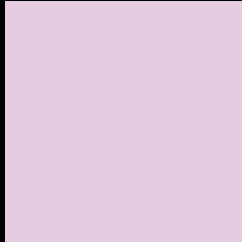
Large Text (above 18pt) WCAG AA × Fail

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 213.8690, 5.4876, 13.2699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

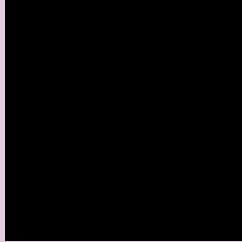
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 213.8690, 5.4876, 13.2699

Background



This preview shows how black text looks on a background with the YUV color 213.8690, 5.4876, 13.2699.



This preview shows how white text looks on a background with the YUV color 213.8690, 5.4876,

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

213.8690, 5.4876, 13.2699

Protanopia

212.1660, 8.2992, -1.8996

Deuteranopia

213.5590, 5.6404, 10.9108



Tritanopia

213.7010, 3.5984, 12.5402

Trichromacy



Original Color

213.8690, 5.4876, 13.2699

Protanomaly

212.9710, 7.4093, 3.5334

Deuteranomaly

213.8580, 5.4930, 11.5255

Tritanomaly

213.8150, 4.0352, 12.4402

Monochromacy



Original Color

213.8690, 5.4876, 13.2699

Achromatopsia

214.0000, 0.0000, 0.0000

Achromatomaly

213.6030, 2.1677, 4.7332

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.8690, 5.4876, 13.2699 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(229, 204, 225)` looks like.

```
.text, #text, p{  
    color:rgb(229, 204, 225)  
}
```

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(229, 204, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 204, 225) }
```

Border

The CSS property to change the border of an element to YUV 213.8690, 5.4876, 13.2699 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(229, 204, 225) }
```


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

```
.border{ border-color:rgb(229, 204, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 204, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 204, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 204, 225);  
box-shadow:4px 4px 4px 4px rgb(229, 204,  
225) }
```

Background

The CSS property to change the background color of an element to YUV 213.8690, 5.4876, 13.2699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 204, 225) }
```

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

```
.background{ background-color: rgb(229,  
204, 225) }
```

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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