

Converting Colors

YUV(209.4440, 10.1341,
16.2736)

Have a look what the booklet for
YUV(209.4440, 10.1341, 16.2736)
contains.

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Color

**YUV(209.4440, 10.1341,
16.2736)**

Conversions

Conversions Part 1

Format	Color
Hex	E4C4E6
RGB	228, 196, 230
RGB Percent	89%, 77%, 90%
CMY	0.1059, 0.2314, 0.0980
CMYK	0.01, 0.15, 0.00, 0.10
HSL	296°, 40%, 84%
HSV	296°, 15%, 90%
XYZ	66.0178, 61.6870, 83.2902
YIQ	209.4440, 8.1580, 17.3580

Conversions

Conversions Part 2

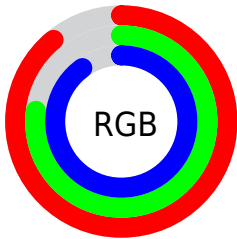
Format	Color
R _Y B	228, 196, 230
Decimal	14992614
CIE Lab	82.75, 17.17, -12.66
CIE LCh	83, 21.333, 323.602
Yxy	61.6870, 0.3129, 0.2924
Android (android.graphics.Color)	4293182694 (0xFFE4C4E6)
YUV	209.4440, 10.1341, 16.2736
Hunter-Lab	78.5411, 12.5914, -7.8963

Details

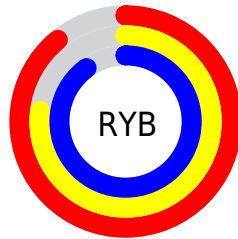
The YUV color $209.4440, 10.1341, 16.2736$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $216.5560, -10.1341, -16.2736$, and the grayscale version is $209.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.8260, 0.5788, 1.0296$, and $154.6180, 9.5553, 15.2440$ is the 20% darker color. If you saturate the color by 10%, you get $195.6440, 16.9375, 27.4992$, and if you desaturate by 10%, it is $223.2440, 3.3307, 5.0480$.

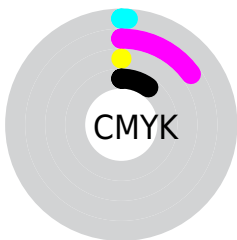
Distribution



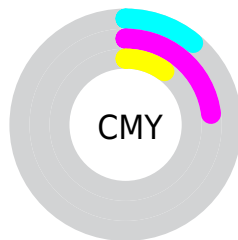
- Red (89%)
- Green (77%)
- Blue (90%)



- Red (89%)
- Yellow (77%)
- Blue (90%)



- Cyan (1%)
- Magenta (15%)
- Yellow (0%)
- Black (10%)



- Cyan (11%)
- Magenta (23%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 209.4440, 10.1341, 16.2736 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 209.4440, 10.1341, 16.2736 by changing the saturation by 10% instead.

209.4440, 10.1341,
16.2736

209.4440, 10.1341,
16.2736

255.0000, 0.0000,
0.0000

182.0310, 9.8447,
15.7588

253.8260, 0.5788,
1.0296

154.6180, 9.5553,
15.2440

128.6180, 9.5553,
15.2440

103.7920, 8.9765,
14.2144

79.3790, 8.6872,
13.6996

55.9660, 8.3978,
13.1848

34.2540, 8.2558,

12.0552

■ 12.0910, 8.8291,
14.8292

■ 0.0000, 0.0000,
0.0000

■ 209.4440, 10.1341,
16.2736

■ 209.4440, 10.1341,
16.2736

■ 195.6440, 16.9375,
27.4992

■ 223.2440, 3.3307,
5.0480

■ 181.5450, 23.8883,
38.1100

■ 237.3430, -3.6201,
-5.5628

■ 167.7450, 30.6917,
49.3356

■ 245.2730, -7.5296,
-11.6404

■ 153.9450, 37.4951,
60.5612

■ 245.5720, -7.6770,
-11.0256

139.8460, 44.4459,
71.1721

246.1700, -7.9718,
-9.7961

126.0460, 51.2493,
82.3977

246.4690, -8.1192,
-9.1813

112.2460, 58.0527,
93.6233

246.7680, -8.2666,
-8.5665

98.1470, 65.0035,
104.2341

247.3660, -8.5614,
-7.3370

90.8040, 68.6236,
109.7969

247.6650, -8.7088,
-6.7222

Harmonies

Analogous

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



207.2720, 17.6139, -2.8695



209.4440, 10.1341, 16.2736



209.7140, 0.6340, 30.0688

Triad

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



209.4440, 10.1341, 16.2736



205.6590, -19.5519, 17.8391



198.0210, 11.3286, -40.3604

Complementary

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



209.4440, 10.1341, 16.2736



216.5560, -10.1341, -16.2736

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.



198.7310, 1.1186, -32.2131



209.4440, 10.1341, 16.2736



203.8310, -17.1717, 1.0252

Square

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



209.4440, 10.1341, 16.2736



207.5340, -16.5323, 29.3497



201.3710, -9.5499, -16.9884



199.9920, 18.7379, -36.8270

Rectangle

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



209.4440, 10.1341, 16.2736



209.3140, -6.0708, 33.9276



201.3710, -9.5499, -16.9884



198.5220, 8.1237, -39.0458

Sweetspot

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



209.4440, 10.1341, 16.2736



248.8310, 3.0413, 4.5332



201.0500, 14.2724, -4.4288



123.5920, 2.1731, 2.9888



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.



209.4440, 10.1341, 16.2736



227.1010, 13.7542, 21.8364



208.3320, 3.2873, 19.0028



107.6570, 3.6201, 5.5628



70.6380, 53.4225, 85.3865



20.1660, 15.2012, 24.4104

Inverse Universe

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



206.3940, -4.1382, 20.7025



223.0960, -5.4703, 27.9798



217.6680, -3.2873, -19.0028



106.7020, -1.3321, 7.2773



54.6610, -22.0179, 109.0453



15.5910, -6.2074, 31.0537

Previews

White Background



This preview shows how the YUV color 209.4440, 10.1341, 16.2736 looks on a white background.

Color Contrast Check

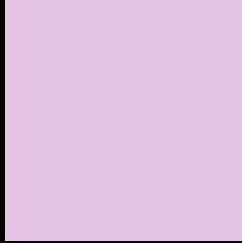
Large Text (above 18pt) WCAG AA × Fail

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 209.4440, 10.1341, 16.2736 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

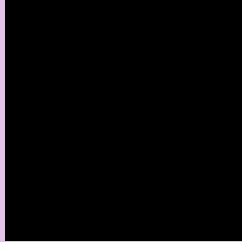
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 209.4440, 10.1341, 16.2736

Background



This preview shows how black text looks on a background with the YUV color 209.4440, 10.1341, 16.2736.



This preview shows how white text looks on a background with the YUV color 209.4440, 10.1341, 16.2736.

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

209.4440, 10.1341, 16.2736

Protanopia

207.2240, 13.6936, -5.4584

Deuteranopia

208.3780, 10.1666, 5.8075



Tritanopia

208.7830, 2.5720, 15.0993

Trichromacy



Original Color

209.4440, 10.1341, 16.2736

Protanomaly

208.2250, 12.2141, 2.4337

Deuteranomaly

208.6990, 10.0084, 9.9110

Tritanomaly

209.1790, 5.3348, 15.6290

Monochromacy



Original Color

209.4440, 10.1341, 16.2736

Achromatopsia

209.0000, 0.0000, 0.0000

Achromatomaly

209.0700, 3.9095, 6.0776

CSS Examples

Text

The CSS property to change the color of the text to YUV 209.4440, 10.1341, 16.2736 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(228, 196, 230)` looks like.

```
.text, #text, p{  
    color:rgb(228, 196, 230)  
}
```

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(228, 196, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 196, 230) }
```

Border

The CSS property to change the border of an element to YUV 209.4440, 10.1341, 16.2736 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(228, 196, 230) }
```


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

```
.border{ border-color:rgb(228, 196, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 196, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 196, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 196, 230);  
box-shadow:4px 4px 4px 4px rgb(228, 196,  
230) }
```

Background

The CSS property to change the background color of an element to YUV 209.4440, 10.1341, 16.2736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 196, 230) }
```

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

```
.background{ background-color: rgb(228,  
196, 230) }
```

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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