

Converting Colors

YUV(209.6690, 22.3482,
18.7073)

Have a look what the booklet for
YUV(209.6690, 22.3482, 18.7073)
contains.

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Color

**YUV(209.6690, 22.3482,
18.7073)**

Conversions

Conversions Part 1

Format	Color
Hex	E7BEFF
RGB	231, 190, 255
RGB Percent	91%, 75%, 100%
CMY	0.0941, 0.2549, 0.0000
CMYK	0.09, 0.25, 0.00, 0.00
HSL	278°, 100%, 87%
HSV	278°, 25%, 100%
XYZ	69.4185, 61.0358, 102.7301
YIQ	209.6690, 3.5710, 28.9070

Conversions

Conversions Part 2

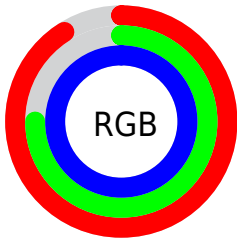
Format	Color
R _Y B	231, 190, 255
Decimal	15187711
CIE Lab	82.40, 26.15, -26.51
CIE LCh	82, 37.236, 314.611
Yxy	61.0358, 0.2977, 0.2617
Android (android.graphics.Color)	4293377791 (0xFFE7BEFF)
YUV	209.6690, 22.3482, 18.7073
Hunter-Lab	78.1254, 21.8869, -23.2749

Details

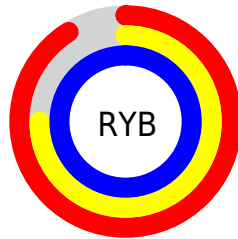
The YUV color **209.6690, 22.3482, 18.7073** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **235.3310, -22.3482, -18.7073**, and the grayscale version is **209.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **250.3040, 2.3151, 4.1184**, and **154.7290, 21.3326, 17.7777** is the 20% darker color. If you saturate the color by 10%, you get **192.3030, 30.9096, 26.0443**, and if you desaturate by 10%, it is **227.6220, 13.4974, 10.8555**.

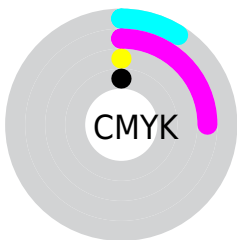
Distribution



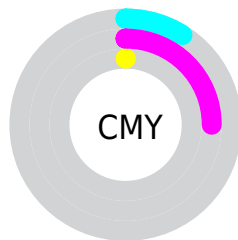
- Red (91%)
- Green (75%)
- Blue (100%)



- Red (91%)
- Yellow (75%)
- Blue (100%)



- Cyan (9%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)





- Cyan (9%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 209.6690, 22.3482, 18.7073 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 209.6690, 22.3482, 18.7073 by changing the saturation by 10% instead.


 209.6690, 22.3482,
18.7073


 209.6690, 22.3482,
18.7073


255.0000, 0.0000,
0.0000


 182.1420, 21.6220,
18.2925


 250.3040, 2.3151,
4.1184

 154.7290, 21.3326,
17.7777

 128.9030, 20.7538,
16.7481

 103.0770, 20.1750,
15.7185

 78.5500, 19.4489,
15.3037

 54.7240, 18.8701,
14.2741

 32.1970, 18.1439,

13.8592

■ 13.7300, 16.4021,
12.5148

■ 3.4370, 10.6306,
-3.0142

■ 209.6690, 22.3482,
18.7073

■ 209.6690, 22.3482,
18.7073

■ 192.3030, 30.9096,
26.0443

■ 227.6220, 13.4974,
10.8555

■ 174.0510, 39.9079,
33.2813

■ 245.2870, 4.7885,
4.1333

■ 156.6850, 48.4693,
40.6183

■ 255.0000, 0.0000,
0.0000

■ 138.4330, 57.4675,
47.8553

■ 121.0670, 66.0290,
55.1922

■ 103.1140, 74.8798,
63.0440

■ 85.4490, 83.5886,
69.7662

■ 77.2090, 87.6510,
73.4847

Harmonies

Analogous

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



202.6600, 25.8036, -16.3648



209.6690, 22.3482, 18.7073



208.1420, 8.3110, 41.0945

Triad

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



209.6690, 22.3482, 18.7073



204.6260, -32.8466, 35.4080



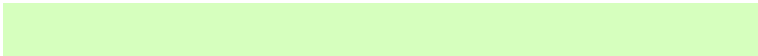
184.7880, 17.8525, -79.6211

Complementary

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



209.6690, 22.3482, 18.7073



235.3310, -22.3482, -18.7073

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.



191.1600, -3.0369, -52.7603



209.6690, 22.3482, 18.7073



201.1020, -31.6023, 9.5575

Square

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



209.6690, 22.3482, 18.7073



202.7380, -22.5488, 45.8338



196.6620, -21.0324, -20.7516



185.4790, 33.2879, -83.7351

Rectangle

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



209.6690, 22.3482, 18.7073



204.2320, -1.5934, 44.5235



196.6620, -21.0324, -20.7516



186.7090, 10.9895, -71.6588

Sweetspot

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



209.6690, 22.3482, 18.7073



240.8680, 6.9671, 5.3778



212.0850, 21.1571, -19.3685



118.8740, 4.4991, 3.6185



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.



209.6690, 22.3482, 18.7073



199.9560, 27.1367, 22.8406



215.9330, 15.3160, 34.2618



118.8740, 4.4991, 3.6185



57.9530, 65.5922, 55.2922



19.2560, 22.0588, 18.1925

Inverse Universe

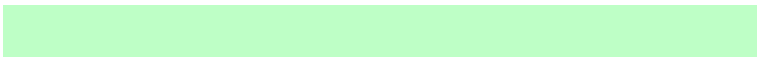
The Inverse Universe completely reimagines the original color for something new.



212.1710, 0.9017, 37.5610



202.9270, 1.0220, 45.6680



229.0670, -15.3160, -34.2618



119.3430, -0.1691, 7.5922



65.2030, 2.8579, 110.3240



21.8720, 1.0491, 36.9463

Previews

White Background



This preview shows how the YUV color 209.6690, 22.3482, 18.7073 looks on a white background.

Color Contrast Check

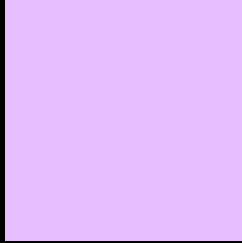
Large Text (above 18pt) WCAG AA × Fail

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 209.6690, 22.3482, 18.7073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

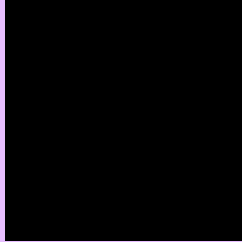
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 209.6690, 22.3482, 18.7073

Background



This preview shows how black text looks on a background with the YUV color 209.6690, 22.3482, 18.7073.

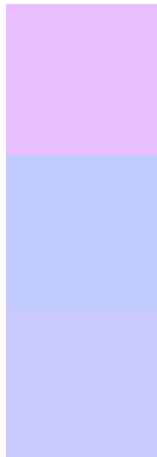


This preview shows how white text looks on a background with the YUV color 209.6690, 22.3482, 18.7073.

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

209.6690, 22.3482, 18.7073

Protanopia

205.6390, 24.3350, -11.9614

Deuteranopia

206.9280, 22.7135, -5.1989



Tritanopia

207.7830, 2.5720, 15.0993

Trichromacy



Original Color

209.6690, 22.3482, 18.7073

Protanomaly

206.8900, 23.7182, -0.7805

Deuteranomaly

207.9830, 22.6864, 3.5229

Tritanomaly

208.3300, 9.6973, 16.3736

Monochromacy



Original Color

209.6690, 22.3482, 18.7073

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

210.1070, 7.8352, 6.9222

CSS Examples

Text

The CSS property to change the color of the text to YUV 209.6690, 22.3482, 18.7073 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(231, 190, 255)` looks like.

```
.text, #text, p{  
    color:rgb(231, 190, 255)  
}
```

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(231, 190, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 190, 255) }
```

Border

The CSS property to change the border of an element to YUV 209.6690, 22.3482, 18.7073 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(231, 190, 255) }
```


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

```
.border{ border-color:rgb(231, 190, 255) }
```

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

Here you see how a box with a 4 pixel rgb(231, 190, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 190, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 190, 255);  
box-shadow:4px 4px 4px 4px rgb(231, 190,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 209.6690, 22.3482, 18.7073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 190, 255) }
```

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

```
.background{ background-color: rgb(231,  
190, 255) }
```

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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