

Converting Colors

YUV(206.6710, 15.9382,
21.3365)

Have a look what the booklet for
YUV(206.6710, 15.9382, 21.3365)
contains.

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Color

**YUV(206.6710, 15.9382,
21.3365)**

Conversions

Conversions Part 1

Format	Color
Hex	E7BCEF
RGB	231, 188, 239
RGB Percent	91%, 74%, 94%
CMY	0.0941, 0.2627, 0.0627
CMYK	0.03, 0.21, 0.00, 0.06
HSL	291°, 61%, 84%
HSV	291°, 21%, 94%
XYZ	66.5182, 59.1874, 89.5798
YIQ	206.6710, 9.2570, 24.9770

Conversions

Conversions Part 2

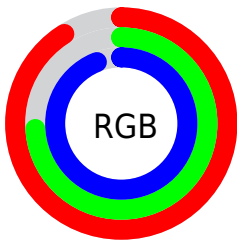
Format	Color
R _Y B	231, 188, 239
Decimal	15187183
CIE Lab	81.39, 24.12, -19.48
CIE LCh	81, 31.002, 321.065
Yxy	59.1874, 0.3090, 0.2749
Android (android.graphics.Color)	4293377263 (0xFFE7BCEF)
YUV	206.6710, 15.9382, 21.3365
Hunter-Lab	76.9333, 19.7016, -15.1829

Details

The YUV color $206.6710, 15.9382, 21.3365$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $220.3290, -15.9382, -21.3365$, and the grayscale version is $207.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $248.5430, 3.1833, 5.6628$, and $151.8450, 15.3594, 20.3069$ is the 20% darker color. If you saturate the color by 10%, you get $191.3870, 23.4732, 31.2326$, and if you desaturate by 10%, it is $221.9550, 8.4032, 11.4405$.

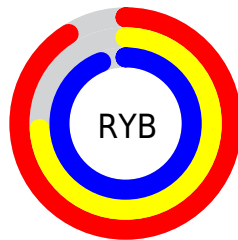
Distribution



Red (91%)

Green (74%)

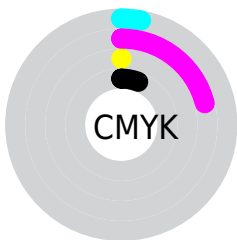
Blue (94%)



Red (91%)

Yellow (74%)

Blue (94%)

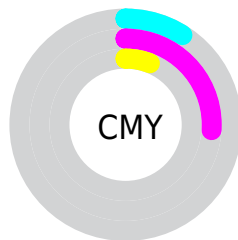


Cyan (3%)

Magenta (21%)

Yellow (0%)

Black (6%)



Cyan (9%)


Magenta (26%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the YUV color 206.6710, 15.9382, 21.3365 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 206.6710, 15.9382, 21.3365 by changing the saturation by 10% instead.


 206.6710, 15.9382,
21.3365


 206.6710, 15.9382,
21.3365


255.0000, 0.0000,
0.0000


 179.2580, 15.6488,
20.8217


 248.5430, 3.1833,
5.6628

 151.8450, 15.3594,
20.3069

 126.0190, 14.7806,
19.2773

 100.6060, 14.4912,
18.7625

 76.7800, 13.9125,
17.7329

 52.9540, 13.3337,
16.7033

 30.5410, 13.0443,

16.1885

■ 13.0740, 11.3025,
14.8441

■ 1.2540, 4.8048,
-1.0998

■ 206.6710, 15.9382,
21.3365

■ 206.6710, 15.9382,
21.3365

■ 191.3870, 23.4732,
31.2326

■ 221.9550, 8.4032,
11.4405

■ 176.4020, 30.8608,
41.7434

■ 236.9400, 1.0156,
0.9296

■ 161.1180, 38.3958,
51.6395

■ 249.2890, -5.0725,
-6.3925

■ 145.8340, 45.9308,
61.5356

■ 250.4850, -5.6621,
-3.9333

■ 131.1370, 53.1765,
70.9169

■ 251.6810, -6.2517,
-1.4742

■ 116.1520, 60.5641,
81.4277

■ 252.5780, -6.6940,
0.3701

■ 100.8680, 68.0991,
91.3238

■ 253.1760, -6.9888,
1.5996

■ 87.6440, 74.6185,
100.2902

Harmonies

Analogous

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



203.6010, 25.3397, -7.5431



206.6710, 15.9382, 21.3365



206.9480, 2.4906, 41.2646

Triad

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



206.6710, 15.9382, 21.3365



201.2380, -27.7253, 26.1013



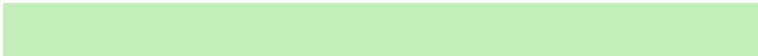
187.6590, 16.9301, -63.7219

Complementary

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



206.6710, 15.9382, 21.3365



220.3290, -15.9382, -21.3365

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.



190.5180, 0.7306, -47.8123



206.6710, 15.9382, 21.3365



198.7790, -25.0340, 2.8248

Square

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



206.6710, 15.9382, 21.3365



203.7160, -22.5380, 42.3451



194.9590, -14.7698, -22.7660



190.4280, 27.3970, -60.8884

Rectangle

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



206.6710, 15.9382, 21.3365



204.3800, -6.1033, 44.3937



194.9590, -14.7698, -22.7660



188.6010, 11.5357, -60.1631

Sweetspot

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



206.6710, 15.9382, 21.3365



245.5970, 4.6357, 6.4924



199.0970, 19.6722, -9.7321



122.1190, 2.8993, 3.4036



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.



206.6710, 15.9382, 21.3365



213.2680, 20.5739, 27.8290



207.1250, 7.3334, 27.9544



112.3580, 3.7675, 4.9480



67.3210, 57.5227, 76.8945



20.4370, 17.5326, 23.2958

Inverse Universe

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



204.1610, -4.0234, 30.5538



209.8740, -5.3609, 39.5755



219.8750, -7.3334, -27.9544



111.8160, -0.8953, 7.1774



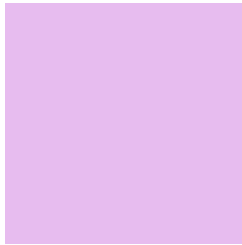
58.3220, -14.4557, 110.2196



17.7700, -4.3236, 33.5277

Previews

White Background



This preview shows how the YUV color 206.6710, 15.9382, 21.3365 looks on a white background.

Color Contrast Check

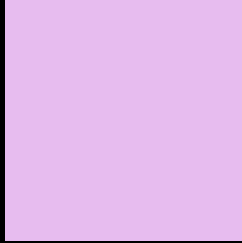
Large Text (above 18pt) WCAG AA × Fail

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 206.6710, 15.9382, 21.3365 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

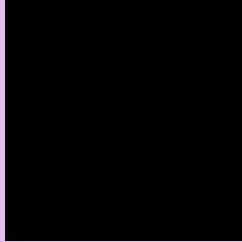
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 206.6710, 15.9382, 21.3365

Background



This preview shows how black text looks on a background with the YUV color 206.6710, 15.9382, 21.3365.



This preview shows how white text looks on a background with the YUV color 206.6710, 15.9382,

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

206.6710, 15.9382, 21.3365

Protanopia

203.6670, 21.8562, -10.2320

Deuteranopia

204.5390, 16.0033, 0.4043



Tritanopia

204.9900, 1.9769, 19.3028

Trichromacy



Original Color

206.6710, 15.9382, 21.3365

Protanomaly

204.5760, 19.9290, 1.2488

Deuteranomaly

204.9960, 16.2710, 7.8965

Tritanomaly

205.3690, 7.2131, 19.8474

Monochromacy



Original Color

206.6710, 15.9382, 21.3365

Achromatopsia

207.0000, 0.0000, 0.0000

Achromatomaly

206.9500, 5.9407, 7.9369

CSS Examples

Text

The CSS property to change the color of the text to YUV 206.6710, 15.9382, 21.3365 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, 188, 239)` looks like.

```
.text, #text, p{  
    color:rgb(231, 188, 239)  
}
```

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, 188, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 188, 239) }
```

Border

The CSS property to change the border of an element to YUV 206.6710, 15.9382, 21.3365 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, 188, 239) }
```


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

```
.border{ border-color:rgb(231, 188, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 188, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 188, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 188, 239);  
box-shadow:4px 4px 4px 4px rgb(231, 188,  
239) }
```

Background

The CSS property to change the background color of an element to YUV 206.6710, 15.9382, 21.3365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 188, 239) }
```

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

```
.background{ background-color: rgb(231,  
188, 239) }
```

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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