

Converting Colors

YUV(206.2400, 16.1507,
-0.2105)

Have a look what the booklet for
YUV(206.2400, 16.1507, -0.2105)
contains.

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Color

**YUV(206.2400, 16.1507,
-0.2105)**

Conversions

Conversions Part 1

Format	Color
Hex	CEC8EF
RGB	206, 200, 239
RGB Percent	81%, 78%, 94%
CMY	0.1922, 0.2157, 0.0627
CMYK	0.14, 0.16, 0.00, 0.06
HSL	249°, 55%, 86%
HSV	249°, 16%, 94%
XYZ	61.6879, 60.6624, 90.1191
YIQ	206.2400, -8.9430, 13.4010

Conversions

Conversions Part 2

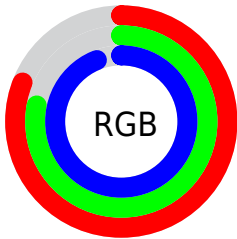
Format	Color
R _Y B	206, 200, 239
Decimal	13551855
CIE Lab	82.20, 9.64, -18.47
CIE LCh	82, 20.839, 297.556
Yxy	60.6624, 0.2903, 0.2855
Android (android.graphics.Color)	4291741935 (0xFFCEC8EF)
YUV	206.2400, 16.1507, -0.2105
Hunter-Lab	77.8860, 5.0763, -14.0820

Details

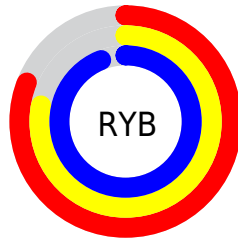
The YUV color $206.2400, 16.1507, -0.2105$ is a light color, and the websafe version is hex $CCCCFF$, and the color name is *soap*. A complement of this color would be $232.7600, -16.1507, 0.2105$, and the grayscale version is $206.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $151.7130, 15.4245, -0.6253$ is the 20% darker color. If you saturate the color by 10%, you get $186.1720, 26.0442, -0.1508$, and if you desaturate by 10%, it is $226.3080, 6.2572, -0.2701$.

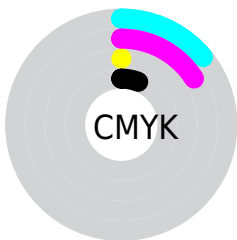
Distribution



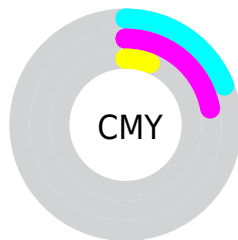
- Red (81%)
- Green (78%)
- Blue (94%)



- Red (81%)
- Yellow (78%)
- Blue (94%)



- Cyan (14%)
- Magenta (16%)
- Yellow (0%)
- Black (6%)



- Cyan (19%)
- Magenta (22%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 206.2400, 16.1507, -0.2105 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 206.2400, 16.1507, -0.2105 by changing the saturation by 10% instead.

■ 206.2400, 16.1507,
-0.2105

■ 206.2400, 16.1507,
-0.2105

255.0000, 0.0000,
0.0000

■ 178.8270, 15.8613,
-0.7253

■ 151.7130, 15.4245,
-0.6253

■ 125.5990, 14.9877,
-0.5253

■ 101.0720, 14.2615,
-0.9401

■ 76.9580, 13.8247,
-0.8402

■ 54.0180, 12.8091,
-1.7698

■ 32.4910, 12.0829,

-2.1846

■ 8.2680, 13.6719,
1.5190

■ 1.3680, 5.2416,
-1.1997

■ 206.2400, 16.1507,
-0.2105

■ 206.2400, 16.1507,
-0.2105

■ 186.1720, 26.0442,
-0.1508

■ 226.3080, 6.2572,
-0.2701

■ 166.1040, 35.9377,
-0.0912

■ 246.3760, -3.6364,
-0.3298

■ 145.7370, 45.9787,
-0.6463

■ 253.1760, -6.9888,
1.5996

■ 125.6690, 55.8722,
-0.5867

■ 106.1880, 65.4763,
-1.0419

■ 86.1200, 75.3698,
-0.9822

■ 65.7530, 85.4108,
-1.5374

■ 45.6850, 95.3043,
-1.4777

■ 38.3090, 98.9407,
-1.1480

Harmonies

Analogous

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



203.0310, 19.7047, -20.1982



206.2400, 16.1507, -0.2105



208.1130, 8.8183, 18.3179

Triad

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



206.2400, 16.1507, -0.2105



205.8220, -16.6742, 28.2201



197.6600, 2.1396, -33.0278

Complementary

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



206.2400, 16.1507, -0.2105



232.7600, -16.1507, 0.2105

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.



199.1150, -7.9447, -18.5179



206.2400, 16.1507, -0.2105



204.1640, -18.8149, 14.7652

Square

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



206.2400, 16.1507, -0.2105



207.2770, -9.9966, 33.0831



201.8630, -15.7085, -1.6339



196.9610, 12.3442, -39.4308

Rectangle

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



206.2400, 16.1507, -0.2105



208.4470, 2.2446, 26.7950



201.8630, -15.7085, -1.6339



197.7700, -1.3656, -28.7393

Sweetspot

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



206.2400, 16.1507, -0.2105



244.0800, 5.3836, -0.0702



223.8170, 7.4852, -20.8875



121.2110, 3.3470, -0.1850



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.



206.2400, 16.1507, -0.2105



212.2060, 21.0974, -0.1807



211.9210, 13.3499, 11.4703



109.9660, 4.9468, 0.0298



29.3480, 76.2434, -1.1822



9.0750, 23.1340, -0.0658

Inverse Universe

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



215.4230, 8.6655, 20.6770



224.1510, 11.2646, 27.0546



227.0790, -13.3499, -11.4703



112.7280, 2.5991, 6.3775



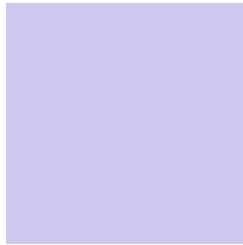
72.6860, 40.5808, 97.6224



22.1020, 12.2747, 29.7285

Previews

White Background



This preview shows how the YUV color 206.2400, 16.1507, -0.2105 looks on a white background.

Color Contrast Check

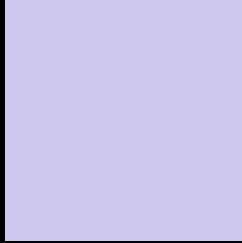
Large Text (above 18pt) WCAG AA × Fail

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 206.2400, 16.1507, -0.2105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

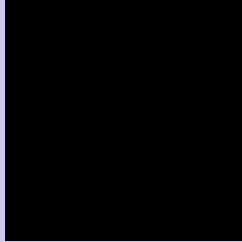
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 206.2400, 16.1507, -0.2105

Background



This preview shows how black text looks on a background with the YUV color 206.2400, 16.1507, -0.2105.



This preview shows how white text looks on a background with the YUV color 206.2400, 16.1507, -0.2105.

-0.2105.

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

206.2400, 16.1507, -0.2105

Protanopia

205.5380, 17.4828, -7.4878

Deuteranopia

206.2510, 16.1453, 1.5339



Tritanopia

204.8240, 6.9888, -1.5996

Trichromacy



Original Color

206.2400, 16.1507, -0.2105

Protanomaly

205.7340, 16.8931, -5.0287

Deuteranomaly

205.9520, 16.2927, 0.9191

Tritanomaly

205.3340, 10.1883, -1.1699

Monochromacy



Original Color

206.2400, 16.1507, -0.2105

Achromatopsia

206.0000, 0.0000, 0.0000

Achromatomaly

206.1940, 5.8204, -0.1701

CSS Examples

Text

The CSS property to change the color of the text to YUV 206.2400, 16.1507, -0.2105 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(206, 200, 239)` looks like.

```
.text, #text, p{  
    color:rgb(206, 200, 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(206, 200, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 200, 239) }
```

Border

The CSS property to change the border of an element to YUV 206.2400, 16.1507, -0.2105 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(206, 200, 239) }
```


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

```
.border{ border-color:rgb(206, 200, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 200, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 200, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 200, 239);  
box-shadow:4px 4px 4px 4px rgb(206, 200,  
239) }
```

Background

The CSS property to change the background color of an element to YUV 206.2400, 16.1507, -0.2105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 200, 239) }
```

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

```
.background{ background-color: rgb(206,  
200, 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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