

Converting Colors

YUV(200.6840, 22.8338, 2.9081)

Have a look what the booklet for
YUV(200.6840, 22.8338, 2.9081)
contains.

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Color

**YUV(200.6840, 22.8338,
2.9081)**

Conversions

Conversions Part 1

Format	Color
Hex	CCBEF7
RGB	204, 190, 247
RGB Percent	80%, 75%, 97%
CMY	0.2000, 0.2549, 0.0314
CMYK	0.17, 0.23, 0.00, 0.03
HSL	255°, 78%, 86%
HSV	255°, 23%, 97%
XYZ	60.1038, 56.3797, 95.7102
YIQ	200.6840, -9.9530, 20.6950

Conversions

Conversions Part 2

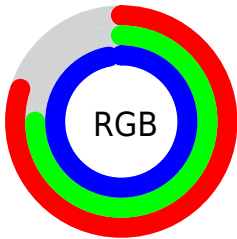
Format	Color
RYB	204, 190, 247
Decimal	13418231
CIELab	79.83, 16.11, -26.36
CIELCh	80, 30.894, 301.425
Yxy	56.3797, 0.2832, 0.2657
Android (android.graphics.Color)	4291608311 (0xFFCCBEF7)
YUV	200.6840, 22.8338, 2.9081
Hunter-Lab	75.0864, 11.4812, -23.0146

Details

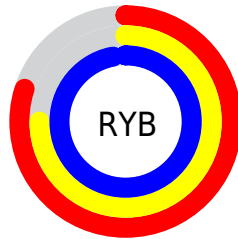
The YUV color $200.6840, 22.8338, 2.9081$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $236.3160, -22.8338, -2.9081$, and the grayscale version is $200.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.7170, 2.6045, 4.6332$, and $146.6300, 21.3814, 2.0785$ is the 20% darker color. If you saturate the color by 10%, you get $180.3280, 32.8693, 4.0973$, and if you desaturate by 10%, it is $221.0400, 12.7983, 1.7189$.

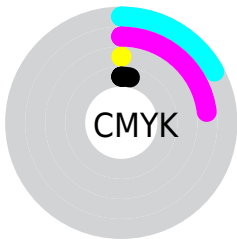
Distribution



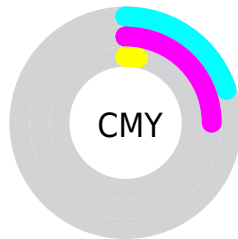
- Red (80%)
- Green (75%)
- Blue (97%)



- Red (80%)
- Yellow (75%)
- Blue (97%)



- Cyan (17%)
- Magenta (23%)
- Yellow (0%)
- Black (3%)





- Cyan (20%)
- Magenta (25%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the YUV color 200.6840, 22.8338, 2.9081 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 200.6840, 22.8338, 2.9081 by changing the saturation by 10% instead.


 200.6840, 22.8338,
2.9081


 200.6840, 22.8338,
2.9081


255.0000, 0.0000,
0.0000


 173.1570, 22.1076,
2.4933


 249.7170, 2.6045,
4.6332

 146.6300, 21.3814,
2.0785

 120.5160, 20.9446,
2.1785

 95.6900, 20.3658,
1.1489

 71.4620, 19.4922,
1.3488

 48.6360, 18.9135,
0.3192

 26.9840, 17.7559,

-1.7400

■ 6.4680, 17.0243,
-0.4104

■ 2.7530, 8.0098,
-2.4144

■ 200.6840, 22.8338,
2.9081

■ 200.6840, 22.8338,
2.9081

■ 180.3280, 32.8693,
4.0973

■ 221.0400, 12.7983,
1.7189

■ 160.8580, 42.4680,
5.3865

■ 240.5100, 3.1996,
0.4297

■ 140.5020, 52.5035,
6.5757

■ 254.0880, -3.4944,
0.7998

■ 120.1460, 62.5390,
7.7650

■ 100.0890, 72.4271,
9.5689

■ 80.3200, 82.1732,
10.2434

■ 60.2630, 92.0613,
12.0473

■ 46.3970, 98.8973,
12.8068

Harmonies

Analogous

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



195.2070, 29.4779, -28.2455



200.6840, 22.8338, 2.9081



202.5750, 11.5485, 29.3137

Triad

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



200.6840, 22.8338, 2.9081



198.9990, -25.1425, 37.7119



184.9670, 6.4253, -54.3451

Complementary

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



200.6840, 22.8338, 2.9081



236.3160, -22.8338, -2.9081

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.



188.8700, -9.7959, -31.4580



200.6840, 22.8338, 2.9081



195.8950, -27.5562, 18.5091

Square

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



200.6840, 22.8338, 2.9081



200.5840, -15.5709, 47.7228



192.8210, -22.0968, -5.9820



183.5000, 21.4455, -65.3365

Rectangle

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



200.6840, 22.8338, 2.9081



202.2470, 2.3432, 41.8794



192.8210, -22.0968, -5.9820



185.9310, 1.0200, -47.2975

Sweetspot

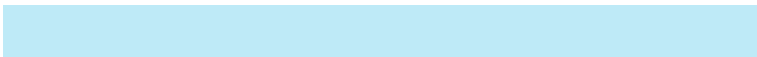
The Sweet Spot groups the original color and five complimentary colors.



200.6840, 22.8338, 2.9081



240.5470, 7.1253, 1.2743



222.3260, 12.1643, -28.3499



119.1510, 4.3626, 0.7446



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.



200.6840, 22.8338, 2.9081



197.1770, 28.5067, 3.3528



209.0560, 18.7064, 20.1219



112.2650, 4.7994, 0.6446



34.9580, 74.4637, 9.6838



10.9120, 23.7074, 2.7082

Inverse Universe

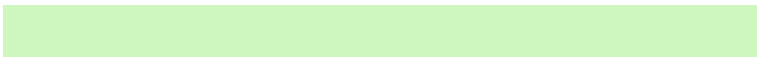
The Inverse Universe completely reimagines the original color for something new.



211.9450, 10.3801, 30.7432



211.2710, 12.6844, 38.3503



227.9440, -18.7064, -20.1219



114.6140, 2.1623, 6.4775



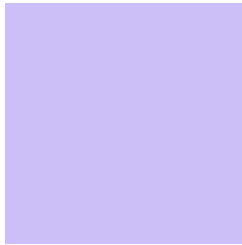
71.5740, 33.7340, 100.3516



22.6570, 10.5221, 31.8728

Previews

White Background



This preview shows how the YUV color 200.6840, 22.8338, 2.9081 looks on a white background.

Color Contrast Check

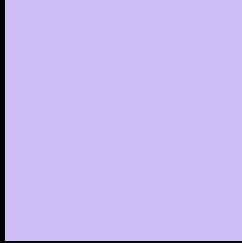
Large Text (above 18pt) WCAG AA × Fail

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 200.6840, 22.8338, 2.9081 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 200.6840, 22.8338, 2.9081

Background



This preview shows how black text looks on a background with the YUV color 200.6840, 22.8338, 2.9081.

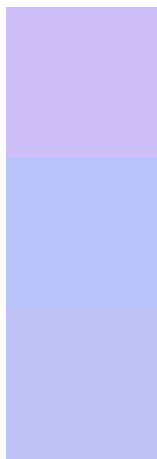


This preview shows how white text looks on a background with the YUV color 200.6840, 22.8338,

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

200.6840, 22.8338, 2.9081

Protanopia

198.6820, 25.7928, -12.8761

Deuteranopia

199.3300, 23.0083, -6.4284



Tritanopia

198.4220, 6.6940, -0.3701

Trichromacy



Original Color

200.6840, 22.8338, 2.9081

Protanomaly

199.4870, 24.9029, -7.4431

Deuteranomaly

199.9390, 22.7081, -3.4545

Tritanomaly

199.3280, 12.6563, 0.5893

Monochromacy



Original Color

200.6840, 22.8338, 2.9081

Achromatopsia

201.0000, 0.0000, 0.0000

Achromatomaly

200.8890, 8.4357, 0.9743

CSS Examples

Text

The CSS property to change the color of the text to YUV 200.6840, 22.8338, 2.9081 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(204, 190, 247)` looks like.

```
.text, #text, p{  
    color:rgb(204, 190, 247)  
}
```

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(204, 190, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 190, 247) }
```

Border

The CSS property to change the border of an element to YUV 200.6840, 22.8338, 2.9081 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(204, 190, 247) }
```


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

```
.border{ border-color:rgb(204, 190, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 190, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 190, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 190, 247);  
box-shadow:4px 4px 4px 4px rgb(204, 190,  
247) }
```

Background

The CSS property to change the background color of an element to YUV 200.6840, 22.8338, 2.9081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 190, 247) }
```

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

```
.background{ background-color: rgb(204,  
190, 247) }
```

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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