

Converting Colors

YUV(200.9630, 16.2872, 2.6634)

Have a look what the booklet for
YUV(200.9630, 16.2872, 2.6634)
contains.

YUV(200.9630, 16.2872, 2.6634)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(200.9630, 16.2872,
2.6634)**

Conversions

Conversions Part 1	
Format	Color
Hex	CCC1EA
RGB	204, 193, 234
RGB Percent	80%, 76%, 92%
CMY	0.2000, 0.2431, 0.0824
CMYK	0.13, 0.18, 0.00, 0.08
HSL	256°, 49%, 84%
HSV	256°, 18%, 92%
XYZ	58.8231, 56.9178, 85.7278
YIQ	200.9630, -6.6050, 15.0830

Conversions

Conversions Part 2

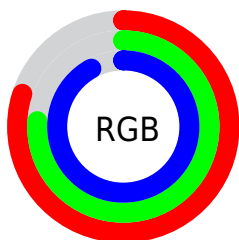
Format	Color
RYB	204, 193, 234
Decimal	13418986
CIELab	80.13, 11.73, -18.93
CIELCh	80, 22.270, 301.776
Yxy	56.9178, 0.2920, 0.2825
Android (android.graphics.Color)	4291609066 (0xFFCCC1EA)
YUV	200.9630, 16.2872, 2.6634
Hunter-Lab	75.4439, 7.1484, -14.5612

Details

The YUV color **200.9630, 16.2872, 2.6634** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **226.0370, -16.2872, -2.6634**, and the grayscale version is **201.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **251.4780, 1.7363, 3.0888**, and **146.7350, 15.4136, 2.8634** is the 20% darker color. If you saturate the color by 10%, you get **182.3790, 25.4492, 4.0526**, and if you desaturate by 10%, it is **219.5470, 7.1253, 1.2743**.

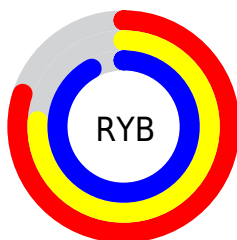
Distribution



Red (80%)

Green (76%)

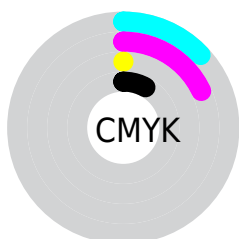
Blue (92%)



Red (80%)

Yellow (76%)

Blue (92%)

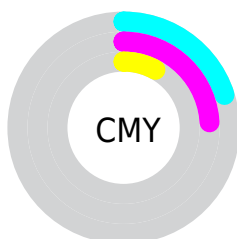


Cyan (13%)

Magenta (18%)

Yellow (0%)

Black (8%)



Cyan (20%)


Magenta (24%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the YUV color 200.9630, 16.2872, 2.6634 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 200.9630, 16.2872, 2.6634 by changing the saturation by 10% instead.

 200.9630, 16.2872,
2.6634


 200.9630, 16.2872,
2.6634


255.0000, 0.0000,
0.0000


 173.5500, 15.9979,
2.1487


 251.4780, 1.7363,
3.0888

 146.7350, 15.4136,
2.8634

 120.9090, 14.8349,
1.8338

 95.7950, 14.3981,
1.9338

 72.2680, 13.6719,
1.5190

 49.7410, 12.9457,
1.1041

 28.2140, 12.2195,

0.6893

■ 6.1540, 13.2351,
1.6189

■ 0.5700, 2.1840,
-0.4999

■ 200.9630, 16.2872,
2.6634

■ 200.9630, 16.2872,
2.6634

■ 182.3790, 25.4492,
4.0526

■ 219.5470, 7.1253,
1.2743

■ 163.2080, 34.9005,
5.9566

■ 238.7180, -2.3260,
-0.6297

■ 144.6240, 44.0624,
7.3458

■ 252.6060, -9.1728,
2.0995

■ 125.4530, 53.5137,
9.2497

■ 106.5700, 62.8230,
10.0241

■ 87.9860, 71.9849,
11.4133

■ 68.8150, 81.4362,
13.3172

■ 50.2310, 90.5981,
14.7064

■ 45.5130, 92.9241,
15.3361

Harmonies

Analogous

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



197.3840, 21.0097, -18.7538



200.9630, 16.2872, 2.6634



202.6080, 8.0813, 21.3918

Triad

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



200.9630, 16.2872, 2.6634



200.0670, -18.2740, 28.0052



190.7950, 4.0451, -37.5312

Complementary

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



200.9630, 16.2872, 2.6634



226.0370, -16.2872, -2.6634

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.



192.9080, -7.3496, -22.7213



200.9630, 16.2872, 2.6634



198.1100, -20.2672, 13.9355

Square

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



200.9630, 16.2872, 2.6634



201.5330, -11.6018, 34.6126



195.4390, -15.9924, -3.8930



190.8080, 14.3917, -42.8046

Rectangle

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



200.9630, 16.2872, 2.6634



202.8280, 1.0708, 29.9688



195.4390, -15.9924, -3.8930



191.2040, 0.3924, -32.6279

Sweetspot

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



200.9630, 16.2872, 2.6634



244.6780, 5.0887, 1.1594



215.2840, 9.2270, -19.5431



121.5100, 3.1996, 0.4297



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.



200.9630, 16.2872, 2.6634



211.6410, 21.3760, 3.8228



206.9430, 13.3391, 14.9590



108.1510, 4.3626, 0.7446



35.2850, 71.8375, 12.0281



10.3420, 21.5234, 3.2081

Inverse Universe

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



208.6790, 7.0603, 22.2065



221.7060, 9.5119, 29.1988



220.0570, -13.3391, -14.9590



110.2010, 1.8729, 5.9627



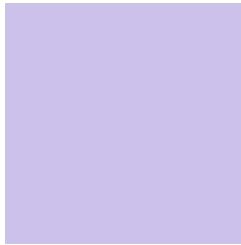
69.1670, 30.9767, 98.0775



20.5920, 9.0751, 29.2988

Previews

White Background



This preview shows how the YUV color 200.9630, 16.2872, 2.6634 looks on a white background.

Color Contrast Check

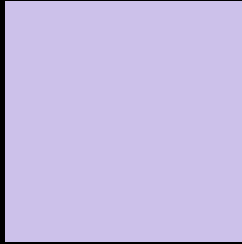
Large Text (above 18pt) WCAG AA × Fail

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 200.9630, 16.2872, 2.6634 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

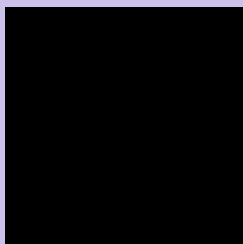
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 200.9630, 16.2872, 2.6634

Background



This preview shows how black text looks on a background with the YUV color 200.9630, 16.2872, 2.6634.



This preview shows how white text looks on a background with the YUV color 200.9630, 16.2872,

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

200.9630, 16.2872, 2.6634

Protanopia

199.7660, 18.3564, -7.6878

Deuteranopia

200.6530, 16.4401, 0.3043



Tritanopia

199.6070, 6.1097, 0.3447

Trichromacy



Original Color
200.9630, 16.2872, 2.6634

Protanomaly
200.5600, 17.4719, -3.9991

Deuteranomaly
200.9520, 16.2927, 0.9191

Tritanomaly
200.2310, 9.7461, 0.6744

Monochromacy



Original Color
200.9630, 16.2872, 2.6634

Achromatopsia
201.0000, 0.0000, 0.0000

Achromatomaly
200.9060, 5.9623, 0.9594

CSS Examples

Text

The CSS property to change the color of the text to YUV 200.9630, 16.2872, 2.6634 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, 193, 234) looks like.

```
.text, #text, p{  
    color:rgb(204, 193, 234)  
}
```

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, 193, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 193, 234) }
```

Border

The CSS property to change the border of an element to YUV 200.9630, 16.2872, 2.6634 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, 193, 234) }
```


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

```
.border{ border-color:rgb(204, 193, 234) }
```

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

Here you see how a box with a 4 pixel rgb(204, 193, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 193, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 193, 234);  
box-shadow:4px 4px 4px 4px rgb(204, 193,  
234) }
```

Background

The CSS property to change the background color of an element to YUV 200.9630, 16.2872, 2.6634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 193, 234) }
```

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

```
.background{ background-color: rgb(204,  
193, 234) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor