

Converting Colors

YUV(208.6730, 22.8392, 1.1638)

Have a look what the booklet for
YUV(208.6730, 22.8392, 1.1638)
contains.

YUV(208.6730, 22.8392, 1.1638)	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(208.6730, 22.8392,
1.1638)**

Conversions

Conversions Part 1

Format	Color
Hex	D2C7FF
RGB	210, 199, 255
RGB Percent	82%, 78%, 100%
CMY	0.1765, 0.2196, 0.0000
CMYK	0.18, 0.22, 0.00, 0.00
HSL	252°, 100%, 89%
HSV	252°, 22%, 100%
XYZ	65.0518, 61.7685, 103.1017
YIQ	208.6730, -11.4200, 19.7480

Conversions

Conversions Part 2

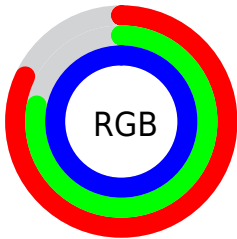
Format	Color
R _Y B	210, 199, 255
Decimal	13813759
CIE Lab	82.79, 14.81, -26.07
CIE LCh	83, 29.983, 299.608
Yxy	61.7685, 0.2829, 0.2686
Android (android.graphics.Color)	4292003839 (0xFFD2C7FF)
YUV	208.6730, 22.8392, 1.1638
Hunter-Lab	78.5929, 10.2077, -22.7642

Details

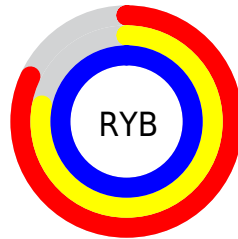
The YUV color **208.6730, 22.8392, 1.1638** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **245.3270, -22.8392, -1.1638**, and the grayscale version is **208.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, 0.0000, 0.0000**, and **154.0320, 21.6762, 0.8489** is the 20% darker color. If you saturate the color by 10%, you get **188.0180, 33.0221, 1.7382**, and if you desaturate by 10%, it is **229.9150, 12.3669, 0.0745**.

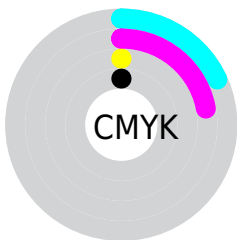
Distribution



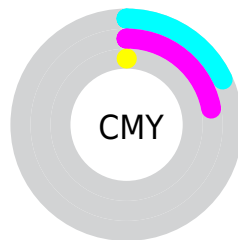
- Red (82%)
- Green (78%)
- Blue (100%)



- Red (82%)
- Yellow (78%)
- Blue (100%)



- Cyan (18%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (18%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 208.6730, 22.8392, 1.1638 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 208.6730, 22.8392, 1.1638 by changing the saturation by 10% instead.

■ 208.6730, 22.8392,
1.1638

■ 208.6730, 22.8392,
1.1638

255.0000, 0.0000,
0.0000

■ 181.1460, 22.1130,
0.7490

■ 154.0320, 21.6762,
0.8489

■ 127.6190, 21.3868,
0.3341

■ 102.9780, 20.2238,
0.0193

■ 78.4510, 19.4977,
-0.3955

■ 55.5110, 18.4821,
-1.3251

■ 33.3860, 18.0507,

-2.9695

■ 9.5220, 18.4767,
0.4192

■ 3.5510, 11.0674,
-3.1142

■ 208.6730, 22.8392,
1.1638

■ 208.6730, 22.8392,
1.1638

■ 188.0180, 33.0221,
1.7382

■ 229.9150, 12.3669,
0.0745

■ 166.4770, 43.6418,
2.2127

■ 250.8690, 2.0366,
0.1149

■ 145.2350, 54.1141,
3.3019

■ 255.0000, 0.0000,
0.0000

■ 124.2810, 64.4445,
3.2616

■ 103.0390, 74.9168,
4.3508

■ 82.0850, 85.2471,
4.3105

■ 60.8430, 95.7194,
5.3997

■ 44.0200, 104.0131,
5.2445

Harmonies

Analogous

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



202.8820, 25.6942, -27.9605



208.6730, 22.8392, 1.1638



210.6780, 11.9907, 27.4694

Triad

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



208.6730, 22.8392, 1.1638



207.2270, -24.2689, 37.5119



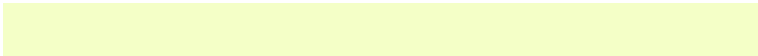
194.3480, 5.2514, -51.1712

Complementary

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



208.6730, 22.8392, 1.1638



245.3270, -22.8392, -1.1638

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.



197.7670, -10.2381, -29.6137



208.6730, 22.8392, 1.1638



204.7210, -26.9775, 19.5387

Square

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



208.6730, 22.8392, 1.1638



207.1210, -13.3707, 41.9899



201.8320, -22.1022, -4.2377



192.7670, 19.8349, -62.0627

Rectangle

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



208.6730, 22.8392, 1.1638



210.1650, 3.3697, 39.3203



201.8320, -22.1022, -4.2377



195.0130, -0.0064, -44.7384

Sweetspot

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



208.6730, 22.8392, 1.1638



240.2480, 7.2727, 0.6595



232.3860, 11.1487, -29.2795



118.8520, 4.5100, 0.1298



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.



208.6730, 22.8392, 1.1638



200.4110, 26.9124, 1.3936



216.7460, 18.8592, 17.7628



117.0800, 5.3836, -0.0702



33.1360, 77.8270, 4.2657



11.1830, 26.0388, 1.5935

Inverse Universe

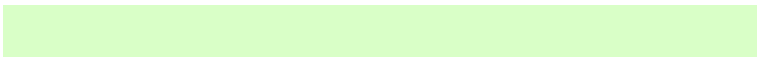
The Inverse Universe completely reimagines the original color for something new.



220.8740, 11.4011, 29.9285



214.7760, 13.4214, 35.2764



237.2540, -18.8592, -17.7628



120.0270, 2.4517, 6.9923



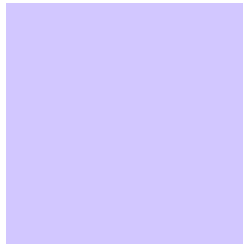
74.6650, 39.1122, 102.0258



24.9500, 12.8427, 34.2468

Previews

White Background



This preview shows how the YUV color 208.6730, 22.8392, 1.1638 looks on a white background.

Color Contrast Check

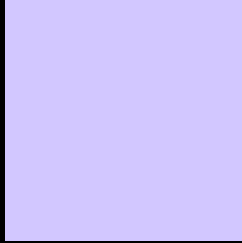
Large Text (above 18pt) WCAG AA × Fail

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 208.6730, 22.8392, 1.1638 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

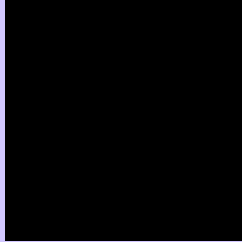
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 208.6730, 22.8392, 1.1638

Background



This preview shows how black text looks on a background with the YUV color 208.6730, 22.8392, 1.1638.



This preview shows how white text looks on a background with the YUV color 208.6730, 22.8392, 1.1638.

1.1638.

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

208.6730, 22.8392, 1.1638

Protanopia

206.8240, 23.7508, -11.2466

Deuteranopia

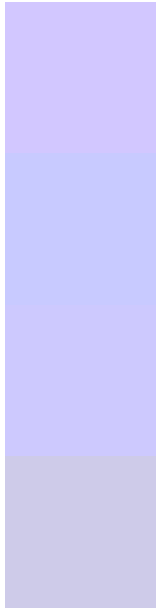
207.9280, 22.7135, -5.1989



Tritanopia

206.5250, 7.1362, -2.2144

Trichromacy



Original Color

208.6730, 22.8392, 1.1638

Protanomaly

207.4440, 23.4451, -6.5284

Deuteranomaly

208.2380, 22.5607, -2.8397

Tritanomaly

207.3170, 12.6617, -1.1550

Monochromacy



Original Color

208.6730, 22.8392, 1.1638

Achromatopsia

209.0000, 0.0000, 0.0000

Achromatomaly

208.5900, 8.5831, 0.3596

CSS Examples

Text

The CSS property to change the color of the text to YUV 208.6730, 22.8392, 1.1638 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(210, 199, 255)` looks like.

```
.text, #text, p{  
    color:rgb(210, 199, 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(210, 199, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 199, 255) }
```

Border

The CSS property to change the border of an element to YUV 208.6730, 22.8392, 1.1638 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(210, 199, 255) }
```


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

```
.border{ border-color:rgb(210, 199, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 199, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 199, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 199, 255);  
box-shadow:4px 4px 4px 4px rgb(210, 199,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 208.6730, 22.8392, 1.1638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 199, 255) }
```

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

```
.background{ background-color: rgb(210,  
199, 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](#).

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