

Converting Colors

YUV(222.5780, 13.5190, 3.8781)

Have a look what the booklet for
YUV(222.5780, 13.5190, 3.8781)
contains.

YUV(222.5780, 13.5190, 3.8781)	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(222.5780, 13.5190,
3.8781)**

Conversions

Conversions Part 1

Format	Color
Hex	E3D7FA
RGB	227, 215, 250
RGB Percent	89%, 84%, 98%
CMY	0.1098, 0.1569, 0.0196
CMYK	0.09, 0.14, 0.00, 0.02
HSL	261°, 78%, 91%
HSV	261°, 14%, 98%
XYZ	73.2343, 71.8339, 100.4479
YIQ	222.5780, -4.0830, 13.4290

Conversions

Conversions Part 2

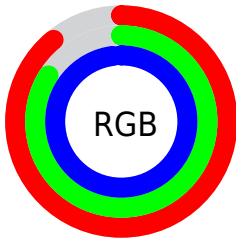
Format	Color
R _Y B	227, 215, 250
Decimal	14931962
CIE Lab	87.89, 10.59, -15.58
CIE LCh	88, 18.835, 304.203
Yxy	71.8339, 0.2983, 0.2926
Android (android.graphics.Color)	4293122042 (0xFFE3D7FA)
YUV	222.5780, 13.5190, 3.8781
Hunter-Lab	84.7549, 5.9158, -10.9396

Details

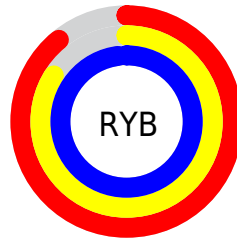
The YUV color $222.5780, 13.5190, 3.8781$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $242.4220, -13.5190, -3.8781$, and the grayscale version is $222.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $167.0510, 12.7929, 3.4633$ is the 20% darker color. If you saturate the color by 10%, you get $203.1190, 23.1123, 6.9116$, and if you desaturate by 10%, it is $242.0370, 3.9258, 0.8446$.

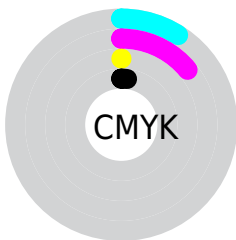
Distribution



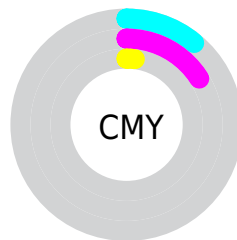
- Red (89%)
- Green (84%)
- Blue (98%)



- Red (89%)
- Yellow (84%)
- Blue (98%)



- Cyan (9%)
- Magenta (14%)
- Yellow (0%)
- Black (2%)



- Cyan (11%)
- Magenta (16%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 222.5780, 13.5190, 3.8781 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 222.5780, 13.5190, 3.8781 by changing the saturation by 10% instead.

■ 222.5780, 13.5190,
3.8781

■ 222.5780, 13.5190,
3.8781

255.0000, 0.0000,
0.0000

■ 194.4640, 13.0822,
3.9781

■ 167.0510, 12.7929,
3.4633

■ 140.9370, 12.3561,
3.5633

■ 115.5240, 12.0667,
3.0485

■ 90.4100, 11.6299,
3.1484

■ 66.9970, 11.3405,
2.6336

■ 44.4700, 10.6143,

2.2188

■ 23.9430, 9.8881,
1.8040

■ 2.6220, 10.0464,
-2.2995

■ 222.5780, 13.5190,
3.8781

■ 222.5780, 13.5190,
3.8781

■ 203.1190, 23.1123,
6.9116

■ 242.0370, 3.9258,
0.8446

■ 183.3610, 32.8530,
9.3304

■ 254.4300, -2.1840,
0.4999

■ 163.9020, 42.4463,
12.3639

■ 144.1440, 52.1870,
14.7827

■ 124.6850, 61.7803,
17.8163

■ 104.9270, 71.5210,
20.2350

■ 85.4680, 81.1143,
23.2686

■ 66.0090, 90.7076,
26.3021

■ 54.2140, 96.5225,
27.8763

Harmonies

Analogous

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



219.7930, 17.3571, -13.8505



222.5780, 13.5190, 3.8781



223.7280, 6.0501, 19.5325

Triad

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



222.5780, 13.5190, 3.8781



221.3160, -15.9318, 23.4019



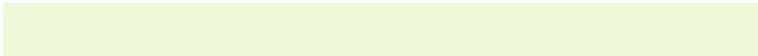
213.8280, 4.0288, -32.2982

Complementary

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



222.5780, 13.5190, 3.8781



242.4220, -13.5190, -3.8781

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.



215.0870, -5.4659, -20.2473



222.5780, 13.5190, 3.8781



219.5980, -17.0568, 10.8766

Square

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



222.5780, 13.5190, 3.8781



222.4290, -10.5645, 28.5648



217.2370, -12.9348, -4.5928



214.3960, 12.6228, -35.4273

Rectangle

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



222.5780, 13.5190, 3.8781



223.6920, 0.6448, 26.5801



217.2370, -12.9348, -4.5928



214.3400, 0.8184, -29.2392

Sweetspot

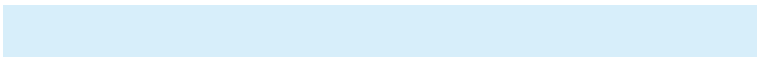
The Sweet Spot groups the original color and five complimentary colors.



222.5780, 13.5190, 3.8781



247.0370, 3.9258, 0.8446



232.4910, 8.6319, -15.3396



122.3960, 2.7628, 0.5297



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.



222.5780, 13.5190, 3.8781



221.3870, 16.5712, 4.9226



227.6610, 11.0131, 14.3293



114.9770, 4.9413, 1.7742



40.9810, 72.9734, 21.0647



13.2330, 23.5491, 6.8117

Inverse Universe

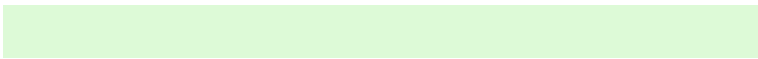
The Inverse Universe completely reimagines the original color for something new.



228.0870, 4.8871, 19.2177



228.0490, 5.8918, 23.6360



237.3390, -11.0131, -14.3293



116.9130, 2.0149, 7.0923



70.6470, 26.3030, 103.7956



22.7990, 8.4801, 33.5023

Previews

White Background



This preview shows how the YUV color 222.5780, 13.5190, 3.8781 looks on a white background.

Color Contrast Check

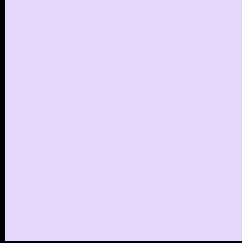
Large Text (above 18pt) WCAG AA × Fail

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 222.5780, 13.5190, 3.8781 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

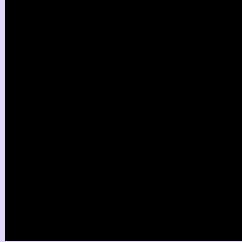
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 222.5780, 13.5190, 3.8781

Background



This preview shows how black text looks on a background with the YUV color 222.5780, 13.5190, 3.8781.



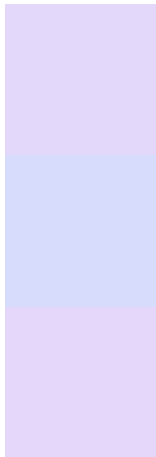
This preview shows how white text looks on a background with the YUV color 222.5780, 13.5190,

3.8781.

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

222.5780, 13.5190, 3.8781

Protanopia

221.5660, 15.0040, -5.7584

Deuteranopia

222.8770, 13.3716, 4.4929



Tritanopia

222.0310, 6.3937, 2.6038

Trichromacy



Original Color

222.5780, 13.5190, 3.8781

Protanomaly

222.0610, 14.2669, -2.6845

Deuteranomaly

222.8770, 13.3716, 4.4929

Tritanomaly

222.3130, 8.7197, 3.2335

Monochromacy



Original Color

222.5780, 13.5190, 3.8781

Achromatopsia

223.0000, 0.0000, 0.0000

Achromatomaly

222.6780, 5.0887, 1.1594

CSS Examples

Text

The CSS property to change the color of the text to YUV 222.5780, 13.5190, 3.8781 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(227, 215, 250)` looks like.

```
.text, #text, p{  
    color:rgb(227, 215, 250)  
}
```

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(227, 215, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 215, 250) }
```

Border

The CSS property to change the border of an element to YUV 222.5780, 13.5190, 3.8781 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(227, 215, 250) }
```


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

```
.border{ border-color:rgb(227, 215, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 215, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 215, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 215, 250);  
box-shadow:4px 4px 4px 4px rgb(227, 215,  
250) }
```

Background

The CSS property to change the background color of an element to YUV 222.5780, 13.5190, 3.8781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 215, 250) }
```

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

```
.background{ background-color: rgb(227,  
215, 250) }
```

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