

Converting Colors

YUV(226.8240, 13.8908,
24.7104)

Have a look what the booklet for
YUV(226.8240, 13.8908, 24.7104)
contains.

YUV(226.8240, 13.8908, 24.7104)	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(226.8240, 13.8908,
24.7104)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCFFF
RGB	255, 207, 255
RGB Percent	100%, 81%, 100%
CMY	0.0000, 0.1882, 0.0000
CMYK	0.00, 0.19, 0.00, 0.00
HSL	300°, 100%, 91%
HSV	300°, 19%, 100%
XYZ	81.6028, 73.1056, 104.4176
YIQ	226.8240, 13.2000, 25.1040

Conversions

Conversions Part 2

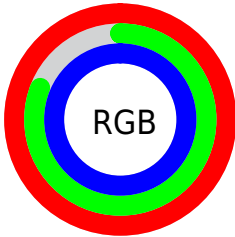
Format	Color
R _Y B	255, 207, 255
Decimal	16764927
CIE Lab	88.50, 24.79, -17.06
CIE LCh	88, 30.096, 325.472
Yxy	73.1056, 0.3149, 0.2821
Android (android.graphics.Color)	4294955007 (0xFFFFCFFF)
YUV	226.8240, 13.8908, 24.7104
Hunter-Lab	85.5018, 20.7319, -12.5556

Details

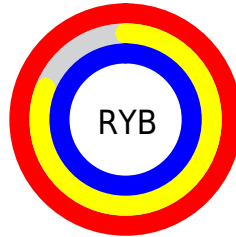
The YUV color $226.8240, 13.8908, 24.7104$ is a light color, and the websafe version is hex $FFCCFF$. A complement of this color would be $235.1760, -13.8908, -24.7104$, and the grayscale version is $227.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $170.9980, 13.3120, 23.6808$ is the 20% darker color. If you saturate the color by 10%, you get $211.5620, 21.4149, 38.0951$, and if you desaturate by 10%, it is $242.0860, 6.3666, 11.3256$.

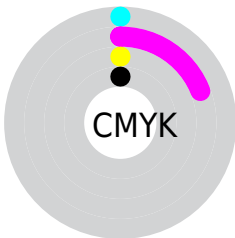
Distribution



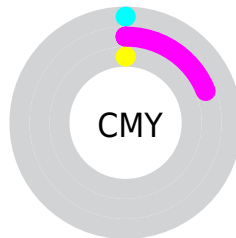
- Red (100%)
- Green (81%)
- Blue (100%)



- Red (100%)
- Yellow (81%)
- Blue (100%)



- Cyan (0%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)





- Cyan (0%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 226.8240, 13.8908, 24.7104 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 226.8240, 13.8908, 24.7104 by changing the saturation by 10% instead.


 226.8240, 13.8908,
24.7104


 226.8240, 13.8908,
24.7104


255.0000, 0.0000,
0.0000


 198.4110, 13.6014,
24.1956

 170.9980, 13.3120,
23.6808

 144.2860, 13.1700,
22.5512

 118.4600, 12.5912,
21.5216

 93.1610, 12.7386,
20.9068

 69.3350, 12.1598,
19.8772

 46.5090, 11.5811,

18.8476

■ 23.6230, 12.0179,
18.7476

■ 10.5530, 8.1084,
12.6700

■ 226.8240, 13.8908,
24.7104

■ 226.8240, 13.8908,
24.7104

■ 211.5620, 21.4149,
38.0951

■ 242.0860, 6.3666,
11.3256

■ 196.8870, 28.6497,
50.9651

255.0000, 0.0000,
0.0000

■ 182.2120, 35.8845,
63.8351

■ 166.9500, 43.4087,
77.2199

■ 152.2750, 50.6434,
90.0898

■ 137.0130, 58.1676,
103.4746

■ 121.7510, 65.6918,
116.8594

■ 107.0760, 72.9265,
129.7293

■ 105.3150, 73.7947,
131.2737

Harmonies

Analogous

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



221.9410, 16.2981, -0.8253



226.8240, 13.8908, 24.7104



220.8110, 3.5442, 29.9838

Triad

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



226.8240, 13.8908, 24.7104



221.2160, -27.7145, 22.6126



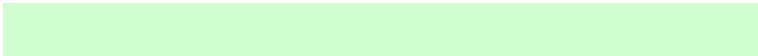
209.0120, 18.2351, -62.2775

Complementary

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



226.8240, 13.8908, 24.7104



235.1760, -13.8908, -24.7104

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.



210.7890, 3.0620, -48.9270



226.8240, 13.8908, 24.7104



218.0990, -23.7128, -0.9638

Square

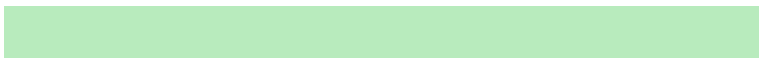
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



226.8240, 13.8908, 24.7104



218.9920, -21.1951, 31.5790



214.5070, -12.5750, -26.7546



210.6800, 21.8498, -54.9704

Rectangle

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



226.8240, 13.8908, 24.7104



218.5310, -5.1918, 31.9833



214.5070, -12.5750, -26.7546



208.7690, 13.4249, -59.4334

Sweetspot

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



226.8240, 13.8908, 24.7104



246.1950, 4.3409, 7.7220



212.4720, 20.9663, -4.7989



122.7170, 2.6045, 4.6332



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.



226.8240, 13.8908, 24.7104



220.3670, 17.0741, 30.3731



224.0880, 3.4076, 27.1098



120.3690, 3.7621, 6.6924



78.8830, 55.2737, 98.3266



26.4320, 18.5210, 32.9471

Inverse Universe

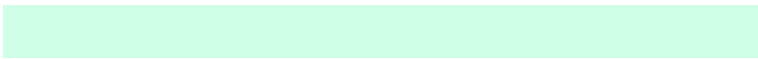
The Inverse Universe completely reimagines the original color for something new.



226.8240, 13.8908, 24.7104



220.3670, 17.0741, 30.3731



237.9120, -3.4076, -27.1098



120.3690, 3.7621, 6.6924



78.8830, 55.2737, 98.3266



26.4320, 18.5210, 32.9471

Previews

White Background



This preview shows how the YUV color 226.8240, 13.8908, 24.7104 looks on a white background.

Color Contrast Check

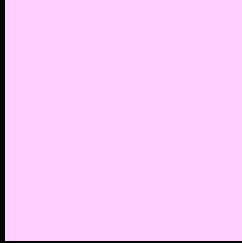
Large Text (above 18pt) WCAG AA × Fail

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 226.8240, 13.8908, 24.7104 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 226.8240, 13.8908, 24.7104

Background



This preview shows how black text looks on a background with the YUV color 226.8240, 13.8908, 24.7104.



This preview shows how white text looks on a background with the YUV color 226.8240, 13.8908,

24.7104.

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

226.8240, 13.8908, 24.7104

Protanopia

223.3810, 15.5882, -6.4731

Deuteranopia

224.6920, 13.9558, 3.7781



Tritanopia

225.4850, 1.2399, 22.3767

Trichromacy



Original Color

226.8240, 13.8908, 24.7104



Protanomaly

224.6320, 14.9714, 4.7077



Deuteranomaly

225.1490, 14.2235, 11.2703



Tritanomaly

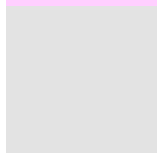
225.7500, 6.0393, 23.0212

Monochromacy



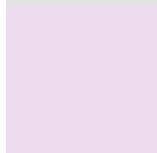
Original Color

226.8240, 13.8908, 24.7104



Achromatopsia

227.0000, 0.0000, 0.0000



Achromatomaly

227.0210, 4.9196, 8.7516

CSS Examples

Text

The CSS property to change the color of the text to YUV 226.8240, 13.8908, 24.7104 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(255, 207, 255)` looks like.

```
.text, #text, p{  
    color:rgb(255, 207, 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(255, 207, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 207, 255) }
```

Border

The CSS property to change the border of an element to YUV 226.8240, 13.8908, 24.7104 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(255, 207, 255) }
```


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

```
.border{ border-color:rgb(255, 207, 255) }
```

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

Here you see how a box with a 4 pixel rgb(255, 207, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 207, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 207, 255);  
box-shadow:4px 4px 4px 4px rgb(255, 207,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 226.8240, 13.8908, 24.7104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 207, 255) }
```

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

```
.background{ background-color: rgb(255,  
207, 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