

Converting Colors

YUV(225.7920, 8.9765, 14.2144)

Have a look what the booklet for
YUV(225.7920, 8.9765, 14.2144)
contains.

YUV(225.7920, 8.9765, 14.2144)	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(225.7920, 8.9765,
14.2144)**

Conversions

Conversions Part 1

Format	Color
Hex	F2D6F4
RGB	242, 214, 244
RGB Percent	95%, 84%, 96%
CMY	0.0510, 0.1608, 0.0431
CMYK	0.01, 0.12, 0.00, 0.04
HSL	296°, 58%, 90%
HSV	296°, 12%, 96%
XYZ	76.9937, 73.5020, 95.7173
YIQ	225.7920, 7.0580, 15.2660

Conversions

Conversions Part 2

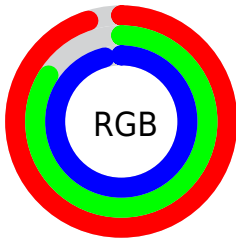
Format	Color
R _Y B	242, 214, 244
Decimal	15914740
CIE Lab	88.69, 14.86, -11.10
CIE LCh	89, 18.546, 323.252
Yxy	73.5020, 0.3127, 0.2985
Android (android.graphics.Color)	4294104820 (0xFFFF2D6F4)
YUV	225.7920, 8.9765, 14.2144
Hunter-Lab	85.7333, 10.2703, -6.1812

Details

The YUV color $225.7920, 8.9765, 14.2144$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $232.2080, -8.9765, -14.2144$, and the grayscale version is $226.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $170.3790, 8.6872, 13.6996$ is the 20% darker color. If you saturate the color by 10%, you get $211.1060, 16.2167, 25.3400$, and if you desaturate by 10%, it is $240.4780, 1.7363, 3.0888$.

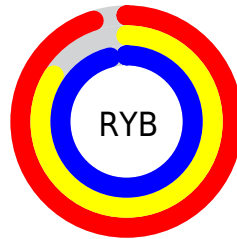
Distribution



Red (95%)

Green (84%)

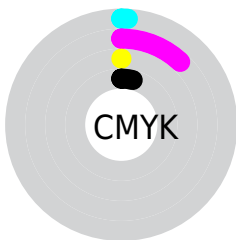
Blue (96%)



Red (95%)

Yellow (84%)

Blue (96%)

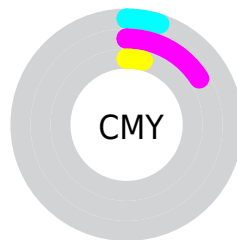


Cyan (1%)

Magenta (12%)

Yellow (0%)

Black (4%)



Cyan (5%)


Magenta (16%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the YUV color 225.7920, 8.9765, 14.2144 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 225.7920, 8.9765, 14.2144 by changing the saturation by 10% instead.


 225.7920, 8.9765,
14.2144

 225.7920, 8.9765,
14.2144

255.0000, 0.0000,
0.0000

 197.7920, 8.9765,
14.2144

 170.3790, 8.6872,
13.6996

 143.9660, 8.3978,
13.1848

 118.2540, 8.2558,
12.0552

 93.1400, 7.8190,
12.1552

 69.7270, 7.5296,
11.6404

 47.0150, 7.3876,

10.5108

■ 25.6020, 7.0982,
9.9960

■ 6.0530, 6.3829,
6.0925

■ 225.7920, 8.9765,
14.2144

■ 225.7920, 8.9765,
14.2144

■ 211.1060, 16.2167,
25.3400

■ 240.4780, 1.7363,
3.0888

■ 196.1320, 23.5989,
37.5952

■ 250.7560, -3.3307,
-5.0480

■ 181.4460, 30.8391,
48.7209

■ 251.3540, -3.6255,
-3.8185

■ 166.1730, 38.3687,
60.3613

■ 251.9520, -3.9203,
-2.5889

151.7860, 45.4615,
72.1017

252.2510, -4.0677,
-1.9741

137.1000, 52.7017,
83.2273

252.8490, -4.3626,
-0.7446

122.1260, 60.0839,
95.4825

253.1480, -4.5100,
-0.1298

107.4400, 67.3241,
106.6081

253.7460, -4.8048,
1.0998

95.9880, 72.9699,
115.7745

Harmonies

Analogous

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



223.7020, 15.4299, -2.3697



225.7920, 8.9765, 14.2144



225.9800, 0.5029, 25.4505

Triad

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



225.7920, 8.9765, 14.2144



222.6310, -17.0731, 16.1096



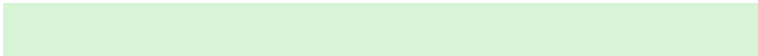
216.5980, 9.5652, -34.7274

Complementary

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



225.7920, 8.9765, 14.2144



232.2080, -8.9765, -14.2144

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.



216.9380, 0.5236, -28.0096



225.7920, 8.9765, 14.2144



220.7000, -15.1351, 1.1401

Square

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



225.7920, 8.9765, 14.2144



224.6800, -14.6322, 26.5906



218.3220, -8.5397, -14.3144



217.9280, 15.8115, -31.5089

Rectangle

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



225.7920, 8.9765, 14.2144



224.6120, -4.7387, 26.6503



218.3220, -8.5397, -14.3144



216.2130, 6.7970, -33.5128

Sweetspot

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



225.7920, 8.9765, 14.2144



248.8310, 3.0413, 4.5332



218.5940, 12.5252, -4.0289



123.5920, 2.1731, 2.9888



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.



225.7920, 8.9765, 14.2144



231.7970, 11.4391, 17.7180



225.0220, 3.4402, 16.6437



114.9560, 3.4727, 6.1776



73.2300, 55.5956, 88.3753



23.1710, 17.6637, 27.9140

Inverse Universe

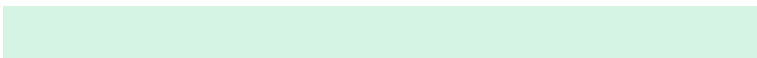
The Inverse Universe completely reimagines the original color for something new.



223.1980, -3.5486, 18.2434



228.5900, -4.7279, 23.1616



233.0920, -3.0034, -16.7437



113.7020, -1.3321, 7.2773



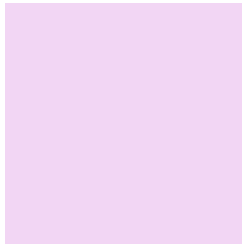
56.9820, -22.1761, 113.1488



18.0970, -6.9498, 35.8719

Previews

White Background



This preview shows how the YUV color 225.7920, 8.9765, 14.2144 looks on a white background.

Color Contrast Check

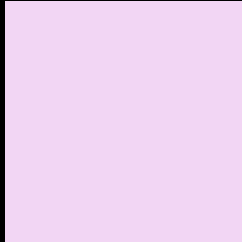
Large Text (above 18pt) WCAG AA × Fail

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 225.7920, 8.9765, 14.2144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

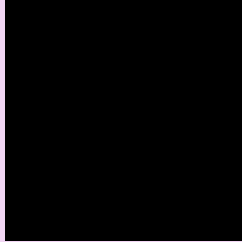
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 225.7920, 8.9765, 14.2144

Background



This preview shows how black text looks on a background with the YUV color 225.7920, 8.9765, 14.2144.



This preview shows how white text looks on a background with the YUV color 225.7920, 8.9765,

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

225.7920, 8.9765, 14.2144

Protanopia

223.5940, 12.5252, -4.0289

Deuteranopia

225.3460, 8.7034, 8.4666



Tritanopia

225.1140, 3.8878, 13.0550

Trichromacy



Original Color

225.7920, 8.9765, 14.2144

Protanomaly

223.9970, 11.3405, 2.6336

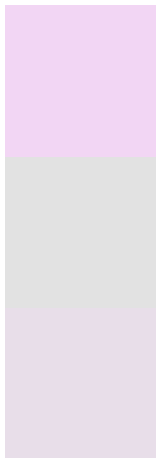
Deuteranomaly

225.6560, 8.5506, 10.8257

Tritanomaly

225.2820, 5.7770, 13.7847

Monochromacy



Original Color

225.7920, 8.9765, 14.2144

Achromatopsia

226.0000, 0.0000, 0.0000

Achromatomaly

226.2440, 3.3307, 5.0480

CSS Examples

Text

The CSS property to change the color of the text to YUV 225.7920, 8.9765, 14.2144 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(242, 214, 244)` looks like.

```
.text, #text, p{  
    color:rgb(242, 214, 244)  
}
```

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(242, 214, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 214, 244) }
```

Border

The CSS property to change the border of an element to YUV 225.7920, 8.9765, 14.2144 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(242, 214, 244) }
```


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

```
.border{ border-color:rgb(242, 214, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 214, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 214, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 214, 244);  
box-shadow:4px 4px 4px 4px rgb(242, 214,  
244) }
```

Background

The CSS property to change the background color of an element to YUV 225.7920, 8.9765, 14.2144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 214, 244) }
```

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

```
.background{ background-color: rgb(242,  
214, 244) }
```

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