

Converting Colors

YUV(229.7480, 12.4492,
20.3920)

Have a look what the booklet for
YUV(229.7480, 12.4492, 20.3920)
contains.

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Color

**YUV(229.7480, 12.4492,
20.3920)**

Conversions

Conversions Part 1

Format	Color
Hex	FDD5FF
RGB	253, 213, 255
RGB Percent	99%, 84%, 100%
CMY	0.0078, 0.1647, 0.0000
CMYK	0.01, 0.16, 0.00, 0.00
HSL	297°, 100%, 92%
HSV	297°, 16%, 100%
XYZ	82.3523, 75.6911, 104.8772
YIQ	229.7480, 10.3580, 21.5420

Conversions

Conversions Part 2

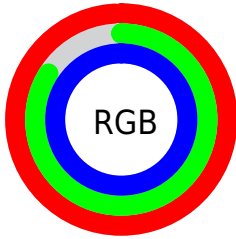
Format	Color
R _Y B	253, 213, 255
Decimal	16635391
CIE Lab	89.72, 21.00, -15.25
CIE LCh	90, 25.949, 324.012
Yxy	75.6911, 0.3132, 0.2879
Android (android.graphics.Color)	4294825471 (0xFFFDD5FF)
YUV	229.7480, 12.4492, 20.3920
Hunter-Lab	87.0007, 16.7117, -10.5722

Details

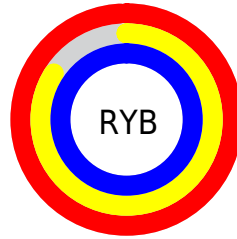
The YUV color $229.7480, 12.4492, 20.3920$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $238.2520, -12.4492, -20.3920$, and the grayscale version is $230.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $173.9220, 11.8705, 19.3624$ is the 20% darker color. If you saturate the color by 10%, you get $214.7740, 19.8314, 32.6472$, and if you desaturate by 10%, it is $245.3090, 4.7777, 7.6220$.

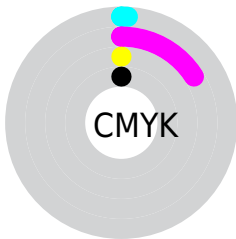
Distribution



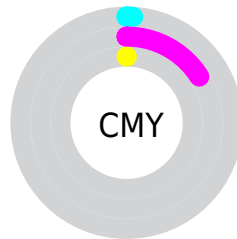
- Red (99%)
- Green (84%)
- Blue (100%)



- Red (99%)
- Yellow (84%)
- Blue (100%)



- Cyan (1%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (1%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 229.7480, 12.4492, 20.3920 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 229.7480, 12.4492, 20.3920 by changing the saturation by 10% instead.

229.7480, 12.4492,
20.3920

229.7480, 12.4492,
20.3920

255.0000, 0.0000,
0.0000

201.3350, 12.1598,
19.8772

173.9220, 11.8705,
19.3624

147.5090, 11.5811,
18.8476

121.0960, 11.2917,
18.3328

96.3840, 11.1497,
17.2032

72.5580, 10.5709,
16.1736

49.1450, 10.2815,

15.6588

■ 27.4330, 10.1395,
14.5293

■ 10.8520, 7.9610,
13.2848

■ 229.7480, 12.4492,
20.3920

■ 229.7480, 12.4492,
20.3920

■ 214.7740, 19.8314,
32.6472

■ 245.3090, 4.7777,
7.6220

■ 199.2130, 27.5030,
45.4172

255.0000, 0.0000,
0.0000

■ 183.9400, 35.0326,
57.0576

■ 168.3790, 42.7042,
69.8276

■ 153.4050, 50.0863,
82.0828

■ 137.8440, 57.7579,
94.8528

■ 122.2830, 65.4295,
107.6228

■ 107.0100, 72.9591,
119.2632

■ 101.7270, 75.5636,
123.8964

Harmonies

Analogous

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



225.4740, 14.5563, -2.1697



229.7480, 12.4492, 20.3920



224.7890, 3.5550, 26.4950

Triad

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



229.7480, 12.4492, 20.3920



224.9430, -23.6359, 21.0980



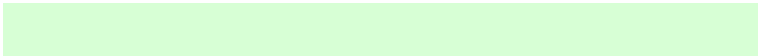
215.1660, 14.7082, -51.0116

Complementary

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



229.7480, 12.4492, 20.3920



238.2520, -12.4492, -20.3920

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.



216.7900, 1.5825, -41.0348



229.7480, 12.4492, 20.3920



222.2070, -20.8081, 0.6955

Square

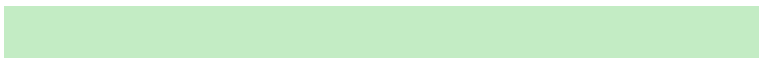
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



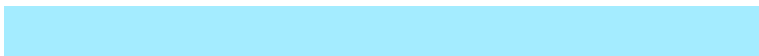
229.7480, 12.4492, 20.3920



223.0670, -18.2740, 28.0052



219.1810, -11.4282, -21.2067



216.6380, 18.9125, -46.1635

Rectangle

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



229.7480, 12.4492, 20.3920



222.8510, -3.8705, 28.1947



219.1810, -11.4282, -21.2067



215.4390, 10.6296, -49.4970

Sweetspot

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



229.7480, 12.4492, 20.3920



247.0700, 3.9095, 6.0776



218.9620, 17.7667, -5.2287



123.0050, 2.4625, 3.5036



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.



229.7480, 12.4492, 20.3920



224.4650, 15.0538, 25.0252



228.1800, 3.8553, 23.5211



120.0700, 3.9095, 6.0776



76.1920, 56.6003, 92.7936



25.5350, 18.9632, 31.1028

Inverse Universe

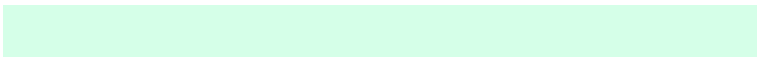
The Inverse Universe completely reimagines the original color for something new.



225.7860, -5.3175, 25.6207



219.4770, -6.6442, 31.1537



239.8200, -3.8553, -23.5211



118.8870, -1.9163, 7.9921



58.1350, -24.2236, 116.5226



19.4780, -8.1237, 39.0458

Previews

White Background



This preview shows how the YUV color 229.7480, 12.4492, 20.3920 looks on a white background.

Color Contrast Check

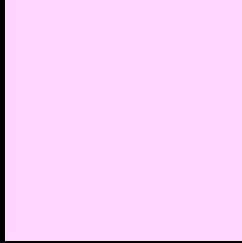
Large Text (above 18pt) WCAG AA × Fail

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 229.7480, 12.4492, 20.3920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

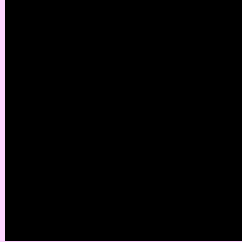
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 229.7480, 12.4492, 20.3920

Background



This preview shows how black text looks on a background with the YUV color 229.7480, 12.4492, 20.3920.



This preview shows how white text looks on a background with the YUV color 229.7480, 12.4492,

20.3920.

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

229.7480, 12.4492, 20.3920

Protanopia

226.3380, 14.1304, -5.5584

Deuteranopia

228.3610, 12.6400, 5.8224



Tritanopia

228.8050, 2.5611, 18.5880

Trichromacy



Original Color

229.7480, 12.4492, 20.3920

Protanomaly

227.5780, 13.5190, 3.8781

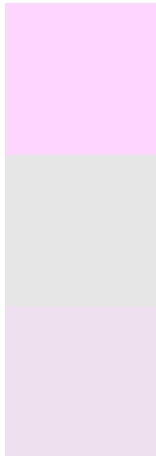
Deuteranomaly

228.6930, 12.4764, 11.6702

Tritanomaly

229.4290, 6.1975, 18.9178

Monochromacy



Original Color

229.7480, 12.4492, 20.3920

Achromatopsia

230.0000, 0.0000, 0.0000

Achromatomaly

229.8960, 4.4883, 7.1072

CSS Examples

Text

The CSS property to change the color of the text to YUV 229.7480, 12.4492, 20.3920 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(253, 213, 255)` looks like.

```
.text, #text, p{  
    color:rgb(253, 213, 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(253, 213, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 213, 255) }
```

Border

The CSS property to change the border of an element to YUV 229.7480, 12.4492, 20.3920 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(253, 213, 255) }
```


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

```
.border{ border-color:rgb(253, 213, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 213, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 213, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 213, 255);  
box-shadow:4px 4px 4px 4px rgb(253, 213,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 229.7480, 12.4492, 20.3920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 213, 255) }
```

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

```
.background{ background-color: rgb(253,  
213, 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](#).

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