

Converting Colors

YUV(229.7260, 12.4601,
16.9033)

Have a look what the booklet for
YUV(229.7260, 12.4601, 16.9033)
contains.

YUV(229.7260, 12.4601, 16.9033)	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(229.7260, 12.4601,
16.9033)**

Conversions

Conversions Part 1

Format	Color
Hex	F9D7FF
RGB	249, 215, 255
RGB Percent	98%, 84%, 100%
CMY	0.0235, 0.1569, 0.0000
CMYK	0.02, 0.16, 0.00, 0.00
HSL	291°, 100%, 92%
HSV	291°, 16%, 100%
XYZ	81.4174, 75.9606, 104.9784
YIQ	229.7260, 7.4240, 19.6480

Conversions

Conversions Part 2

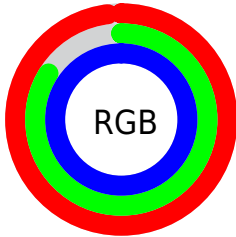
Format	Color
R _Y B	249, 215, 255
Decimal	16373759
CIE Lab	89.84, 18.65, -15.10
CIE LCh	90, 23.990, 321.006
Yxy	75.9606, 0.3103, 0.2895
Android (android.graphics.Color)	4294563839 (0xFFFF9D7FF)
YUV	229.7260, 12.4601, 16.9033
Hunter-Lab	87.1554, 14.2262, -10.4059

Details

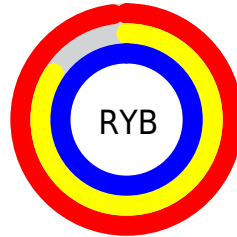
The YUV color **229.7260, 12.4601, 16.9033** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **240.2740, -12.4601, -16.9033**, and the grayscale version is **230.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, 0.0000, 0.0000**, and **173.9000, 11.8813, 15.8737** is the 20% darker color. If you saturate the color by 10%, you get **213.8550, 20.2845, 27.3142**, and if you desaturate by 10%, it is **246.1840, 4.3463, 5.9776**.

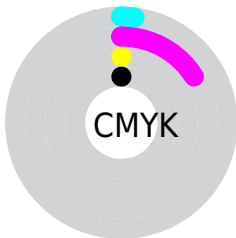
Distribution



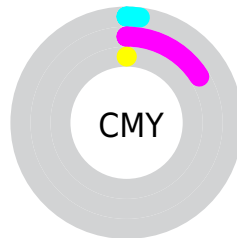
- Red (98%)
- Green (84%)
- Blue (100%)



- Red (98%)
- Yellow (84%)
- Blue (100%)



- Cyan (2%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (2%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 229.7260, 12.4601, 16.9033 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 229.7260, 12.4601, 16.9033 by changing the saturation by 10% instead.

229.7260, 12.4601,
16.9033

229.7260, 12.4601,
16.9033

255.0000, 0.0000,
0.0000

201.3130, 12.1707,
16.3885

173.9000, 11.8813,
15.8737

147.4870, 11.5919,
15.3589

121.3730, 11.1551,
15.4589

96.6610, 11.0131,
14.3293

72.8350, 10.4343,
13.2997

49.4220, 10.1450,

12.7849

■ 28.0090, 9.8556,
12.2701

■ 10.2540, 8.2558,
12.0552

■ 229.7260, 12.4601,
16.9033

■ 229.7260, 12.4601,
16.9033

■ 213.8550, 20.2845,
27.3142

■ 246.1840, 4.3463,
5.9776

■ 197.3970, 28.3983,
38.2398

255.0000, 0.0000,
0.0000

■ 181.8250, 36.0753,
49.2655

■ 165.3670, 44.1891,
60.1911

■ 149.4960, 52.0135,
70.6020

■ 133.0380, 60.1273,
81.5277

■ 116.5800, 68.2411,
92.4533

■ 100.7090, 76.0655,
102.8642

■ 93.9530, 79.3962,
107.9122

Harmonies

Analogous

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



225.4630, 14.5617, -3.9141



229.7260, 12.4601, 16.9033



226.1910, 3.8498, 25.2655

Triad

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



229.7260, 12.4601, 16.9033



225.6980, -22.0361, 21.3129



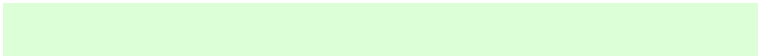
216.8030, 11.9291, -46.3082

Complementary

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



229.7260, 12.4601, 16.9033



240.2740, -12.4601, -16.9033

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.



218.0680, -0.0335, -36.0166



229.7260, 12.4601, 16.9033



222.8590, -19.6505, 2.7547

Square

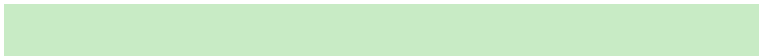
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



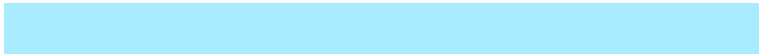
229.7260, 12.4601, 16.9033



224.2240, -16.3794, 26.9906



220.2030, -11.4391, -17.7180



218.1330, 18.1754, -43.0896

Rectangle

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



229.7260, 12.4601, 16.9033



224.3670, -3.1389, 26.8651



220.2030, -11.4391, -17.7180



216.6030, 8.5767, -44.3788

Sweetspot

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



229.7260, 12.4601, 16.9033



246.7710, 4.0569, 5.4628



223.0820, 15.7356, -7.0879



122.7060, 2.6099, 2.8888



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.



229.7260, 12.4601, 16.9033



224.7310, 14.9226, 20.4069



229.9240, 5.4605, 21.9917



119.7710, 4.0569, 5.4628



70.5110, 59.4011, 81.1129



23.4420, 19.9951, 26.7994

Inverse Universe

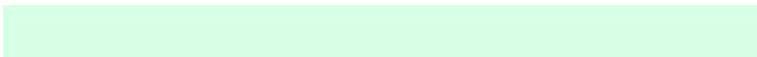
The Inverse Universe completely reimagines the original color for something new.



227.6440, -3.2755, 23.9912



222.1500, -4.0179, 28.8095



240.0760, -5.4605, -21.9917



119.1150, -1.0427, 7.7921



60.4150, -15.4876, 114.5230



20.2760, -5.0661, 38.3459

Previews

White Background



This preview shows how the YUV color 229.7260, 12.4601, 16.9033 looks on a white background.

Color Contrast Check

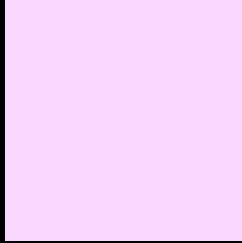
Large Text (above 18pt) WCAG AA × Fail

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 229.7260, 12.4601, 16.9033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

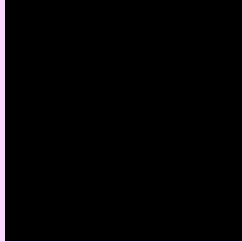
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 229.7260, 12.4601, 16.9033

Background



This preview shows how black text looks on a background with the YUV color 229.7260, 12.4601, 16.9033.



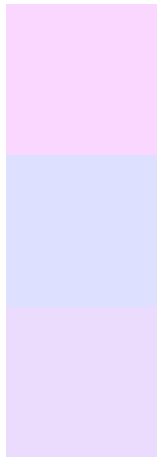
This preview shows how white text looks on a background with the YUV color 229.7260, 12.4601, 16.9033.

16.9033.

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

229.7260, 12.4601, 16.9033

Protanopia

227.2240, 13.6936, -5.4584

Deuteranopia

228.3610, 12.6400, 5.8224



Tritanopia

228.3100, 3.2982, 15.5141

Trichromacy



Original Color

229.7260, 12.4601, 16.9033

Protanomaly

227.8660, 13.3771, 2.7485

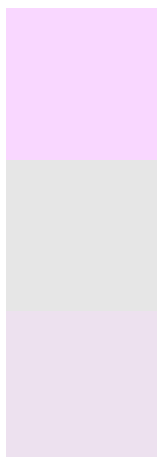
Deuteranomaly

228.6820, 12.4818, 9.9259

Tritanomaly

228.8200, 6.4977, 15.9439

Monochromacy



Original Color

229.7260, 12.4601, 16.9033

Achromatopsia

230.0000, 0.0000, 0.0000

Achromatomaly

230.1840, 4.3463, 5.9776

CSS Examples

Text

The CSS property to change the color of the text to YUV 229.7260, 12.4601, 16.9033 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(249, 215, 255)` looks like.

```
.text, #text, p{  
    color:rgb(249, 215, 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(249, 215, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 215, 255) }
```

Border

The CSS property to change the border of an element to YUV 229.7260, 12.4601, 16.9033 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(249, 215, 255) }
```


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

```
.border{ border-color:rgb(249, 215, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 215, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 215, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 215, 255);  
box-shadow:4px 4px 4px 4px rgb(249, 215,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 229.7260, 12.4601, 16.9033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 215, 255) }
```

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

```
.background{ background-color: rgb(249,  
215, 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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