

Converting Colors

YUV(212.9690, 20.7213,
27.2142)

Have a look what the booklet for
YUV(212.9690, 20.7213, 27.2142)
contains.

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Color

**YUV(212.9690, 20.7213,
27.2142)**

Conversions

Conversions Part 1

Format	Color
Hex	F4BDFF
RGB	244, 189, 255
RGB Percent	96%, 74%, 100%
CMY	0.0431, 0.2588, 0.0000
CMYK	0.04, 0.26, 0.00, 0.00
HSL	290°, 100%, 87%
HSV	290°, 26%, 100%
XYZ	73.5558, 62.8483, 102.8619
YIQ	212.9690, 11.5940, 32.1860

Conversions

Conversions Part 2

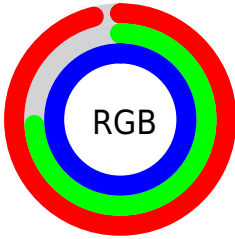
Format	Color
R_YB	244, 189, 255
Decimal	16039423
CIE _{Lab}	83.36, 30.77, -24.93
CIE _{LCh}	83, 39.598, 320.984
Yxy	62.8483, 0.3074, 0.2627
Android (android.graphics.Color)	4294229503 (0xFFF4BDF5)
YUV	212.9690, 20.7213, 27.2142
Hunter-Lab	79.2769, 26.8838, -21.4350

Details

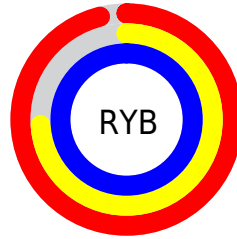
The YUV color $212.9690, 20.7213, 27.2142$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $231.0310, -20.7213, -27.2142$, and the grayscale version is $213.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.7170, 2.6045, 4.6332$, and $157.7300, 19.8531, 25.6698$ is the 20% darker color. If you saturate the color by 10%, you get $197.0980, 28.5457, 37.6251$, and if you desaturate by 10%, it is $229.4270, 12.6075, 16.2885$.

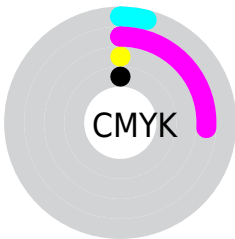
Distribution



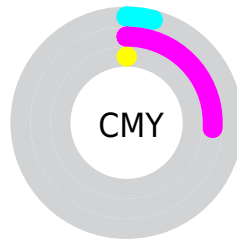
- Red (96%)
- Green (74%)
- Blue (100%)



- Red (96%)
- Yellow (74%)
- Blue (100%)



- Cyan (4%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)





- Cyan (4%)
- Magenta (26%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 212.9690, 20.7213, 27.2142 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 212.9690, 20.7213, 27.2142 by changing the saturation by 10% instead.

 212.9690, 20.7213,
27.2142


 212.9690, 20.7213,
27.2142


255.0000, 0.0000,
0.0000


 185.1430, 20.1425,
26.1846


 249.7170, 2.6045,
4.6332

 157.7300, 19.8531,
25.6698

 131.3170, 19.5637,
25.1550

 105.4910, 18.9849,
24.1254

 80.6650, 18.4062,
23.0958

 56.8390, 17.8274,
22.0662

 32.9530, 18.2642,

21.9662

■ 16.1220, 15.2229,
17.4330

■ 2.8500, 10.9200,
-2.4994

■ 212.9690, 20.7213,
27.2142

■ 212.9690, 20.7213,
27.2142

■ 197.0980, 28.5457,
37.6251

■ 229.4270, 12.6075,
16.2885

■ 180.6400, 36.6595,
48.5507

■ 245.5970, 4.6357,
6.4924

■ 164.4700, 44.6313,
58.3468

255.0000, 0.0000,
0.0000

■ 148.0120, 52.7451,
69.2725

■ 132.1410, 60.5695,
79.6833

■ 115.6830, 68.6833,
90.6090

■ 99.5130, 76.6551,
100.4051

■ 92.7570, 79.9858,
105.4531

Harmonies

Analogous

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



206.5470, 23.8873, -8.3727



212.9690, 20.7213, 27.2142



207.0990, 6.8532, 42.0092

Triad

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



212.9690, 20.7213, 27.2142



206.5070, -35.7460, 32.0044



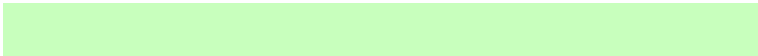
184.0190, 24.1476, -92.1017

Complementary

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



212.9690, 20.7213, 27.2142



231.0310, -20.7213, -27.2142

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.



190.7610, 2.0898, -63.8114



212.9690, 20.7213, 27.2142



202.8300, -32.4542, 2.7801

Square

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



212.9690, 20.7213, 27.2142



204.4020, -26.3272, 44.3744



197.5900, -18.5319, -29.4584



185.9730, 34.0303, -88.5533

Rectangle

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



212.9690, 20.7213, 27.2142



203.5480, -4.2142, 45.1234



197.5900, -18.5319, -29.4584



185.6410, 17.4320, -84.7542

Sweetspot

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



212.9690, 20.7213, 27.2142



242.3630, 6.2300, 8.4516



202.9810, 25.6454, -12.2613



119.4720, 4.2043, 4.8481



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.



212.9690, 20.7213, 27.2142



204.7400, 24.7782, 32.6770



213.7500, 9.4902, 36.1763



119.4720, 4.2043, 4.8481



69.3150, 59.9907, 78.6537



23.1430, 20.1425, 26.1846

Inverse Universe

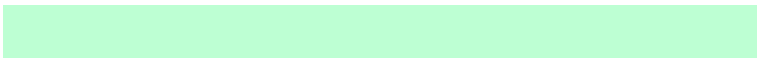
The Inverse Universe completely reimagines the original color for something new.



209.9880, -4.9241, 39.4755



201.1030, -5.9668, 47.2677



230.2500, -9.4902, -36.1763



119.1150, -1.0427, 7.7921



60.7570, -14.1772, 114.2231



20.3900, -4.6293, 38.2460

Previews

White Background



This preview shows how the YUV color 212.9690, 20.7213, 27.2142 looks on a white background.

Color Contrast Check

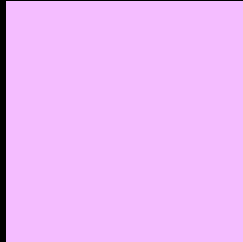
Large Text (above 18pt) WCAG AA × Fail

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 212.9690, 20.7213, 27.2142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

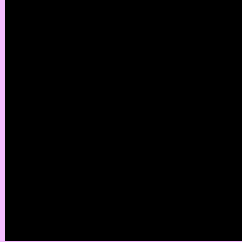
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 212.9690, 20.7213, 27.2142

Background



This preview shows how black text looks on a background with the YUV color 212.9690, 20.7213, 27.2142.

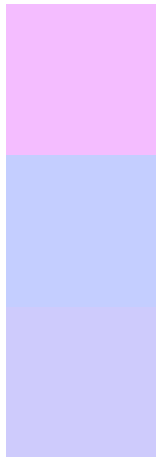


This preview shows how white text looks on a background with the YUV color 212.9690, 20.7213,

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

212.9690, 20.7213, 27.2142

Protanopia

208.5960, 22.8772, -11.0467

Deuteranopia

209.4830, 20.9609, -3.0546



Tritanopia

210.9690, 0.5083, 23.7062

Trichromacy



Original Color

212.9690, 20.7213, 27.2142



Protanomaly

210.1570, 22.1076, 2.4933



Deuteranomaly

210.8480, 20.7809, 8.0263



Tritanomaly

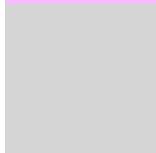
211.6300, 8.0704, 24.8805

Monochromacy



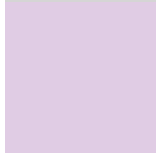
Original Color

212.9690, 20.7213, 27.2142



Achromatopsia

213.0000, 0.0000, 0.0000



Achromatomaly

212.7160, 7.5350, 9.8961

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.9690, 20.7213, 27.2142 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(244, 189, 255)` looks like.

```
.text, #text, p{  
    color:rgb(244, 189, 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(244, 189, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 189, 255) }
```

Border

The CSS property to change the border of an element to YUV 212.9690, 20.7213, 27.2142 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(244, 189, 255) }
```


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

```
.border{ border-color:rgb(244, 189, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 189, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 189, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 189, 255);  
box-shadow:4px 4px 4px 4px rgb(244, 189,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 212.9690, 20.7213, 27.2142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 189, 255) }
```

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

```
.background{ background-color: rgb(244,  
189, 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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