

Converting Colors

YUV(199.8900, 27.1692,
12.3745)

Have a look what the booklet for
YUV(199.8900, 27.1692, 12.3745)
contains.

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Color

**YUV(199.8900, 27.1692,
12.3745)**

Conversions

Conversions Part 1

Format	Color
Hex	D6B6FF
RGB	214, 182, 255
RGB Percent	84%, 71%, 100%
CMY	0.1608, 0.2863, 0.0000
CMYK	0.16, 0.29, 0.00, 0.00
HSL	266°, 100%, 86%
HSV	266°, 29%, 100%
XYZ	62.5095, 54.9720, 101.9238
YIQ	199.8900, -4.3610, 29.4870

Conversions

Conversions Part 2

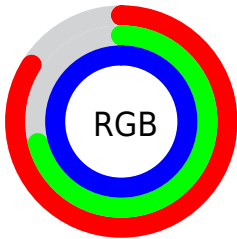
Format	Color
RYB	214, 182, 255
Decimal	14071551
CIELab	79.03, 25.23, -31.81
CIElCh	79, 40.597, 308.416
Yxy	54.9720, 0.2849, 0.2506
Android (android.graphics.Color)	4292261631 (0xFFD6B6FF)
YUV	199.8900, 27.1692, 12.3745
Hunter-Lab	74.1431, 20.7415, -29.6052

Details

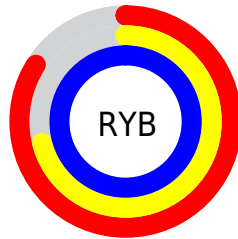
The YUV color **199.8900, 27.1692, 12.3745** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **237.1100, -27.1692, -12.3745**, and the grayscale version is **200.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **245.0210, 4.9196, 8.7516**, and **145.5370, 25.8643, 10.9301** is the 20% darker color. If you saturate the color by 10%, you get **181.0290, 36.4677, 16.6376**, and if you desaturate by 10%, it is **219.3380, 17.5814, 7.5966**.

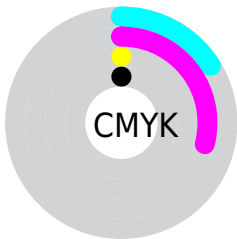
Distribution



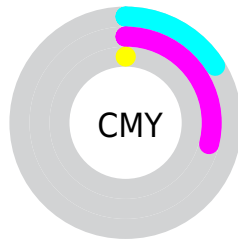
- Red (84%)
- Green (71%)
- Blue (100%)



- Red (84%)
- Yellow (71%)
- Blue (100%)



- Cyan (16%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)




- Cyan (16%)
- Magenta (29%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 199.8900, 27.1692, 12.3745 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 199.8900, 27.1692, 12.3745 by changing the saturation by 10% instead.


 199.8900, 27.1692,
12.3745


 199.8900, 27.1692,
12.3745


255.0000, 0.0000,
0.0000


 172.3630, 26.4430,
11.9596


 245.0210, 4.9196,
8.7516

 145.5370, 25.8643,
10.9301

 120.0100, 25.1381,
10.5152

 94.4830, 24.4119,
10.1004

 70.2440, 23.5437,
8.5560

 47.3040, 22.5281,
7.6264

 24.4780, 21.9493,

6.5968

■ 8.9460, 18.7606,
2.6784

■ 3.4370, 10.6306,
-3.0142

■ 199.8900, 27.1692,
12.3745

■ 199.8900, 27.1692,
12.3745

■ 181.0290, 36.4677,
16.6376

■ 219.3380, 17.5814,
7.5966

■ 161.2820, 46.2030,
20.8007

■ 238.4980, 8.1355,
3.9483

■ 142.4210, 55.5014,
25.0638

255.0000, 0.0000,
0.0000

■ 122.9730, 65.0893,
29.8417

■ 103.8130, 74.5352,
33.4900

■ 84.3650, 84.1231,
38.2679

■ 65.5040, 93.4215,
42.5310

■ 62.5580, 94.8739,
43.3606

Harmonies

Analogous

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



191.6630, 31.2251, -28.6455



199.8900, 27.1692, 12.3745



200.6740, 11.4997, 45.0129

Triad

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



199.8900, 27.1692, 12.3745



195.3280, -34.1787, 42.6853



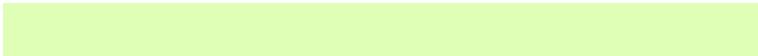
171.6900, 16.4218, -87.4281

Complementary

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



199.8900, 27.1692, 12.3745



237.1100, -27.1692, -12.3745

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.



181.4330, -7.1155, -51.2457



199.8900, 27.1692, 12.3745



192.1090, -35.5497, 15.6904

Square

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



199.8900, 27.1692, 12.3745



194.4230, -21.4075, 53.1260



187.4300, -25.8480, -16.1631



166.2480, 36.8527, -107.2115

Rectangle

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



199.8900, 27.1692, 12.3745



196.9600, 1.0057, 50.9011



187.4300, -25.8480, -16.1631



175.2910, 8.2375, -75.6772

Sweetspot

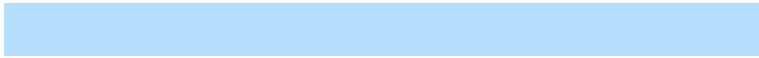
The Sweet Spot groups the original color and five complimentary colors.



199.8900, 27.1692, 12.3745



237.6120, 8.5723, 3.8483



214.3890, 20.0212, -28.4052



116.8030, 5.5201, 2.8038



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.



199.8900, 27.1692, 12.3745



189.2800, 32.4000, 14.6634



210.6540, 21.8626, 34.5064



117.9770, 4.9413, 1.7742



46.8900, 71.0462, 32.5455



15.6680, 23.8277, 10.8152

Inverse Universe

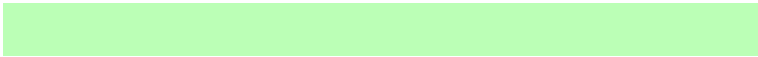
The Inverse Universe completely reimagines the original color for something new.



208.5010, 7.1480, 40.7796



199.5990, 8.5787, 48.5867



226.3460, -21.8626, -34.5064



119.6850, 1.1413, 7.2923



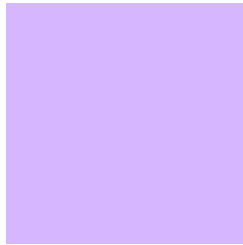
69.3070, 18.5826, 106.7248



23.2400, 6.2907, 35.7465

Previews

White Background



This preview shows how the YUV color 199.8900, 27.1692, 12.3745 looks on a white background.

Color Contrast Check

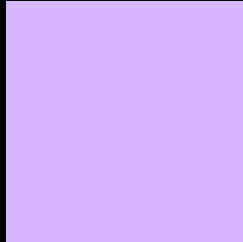
Large Text (above 18pt) WCAG AA × Fail

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 199.8900, 27.1692, 12.3745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

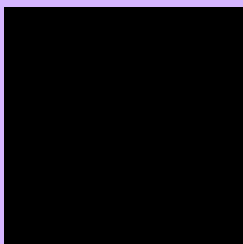
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 199.8900, 27.1692, 12.3745

Background



This preview shows how black text looks on a background with the YUV color 199.8900, 27.1692, 12.3745.



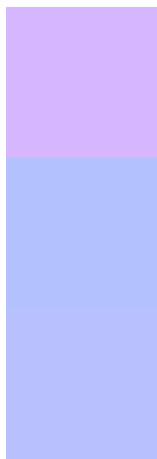
This preview shows how white text looks on a background with the YUV color 199.8900, 27.1692, 12.3745.

12.3745.

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

199.8900, 27.1692, 12.3745

Protanopia

196.4690, 28.8558, -15.3203

Deuteranopia

196.5620, 27.8239, -11.0169



Tritanopia

197.1950, 4.3409, 7.7220

Trichromacy



Original Color

199.8900, 27.1692, 12.3745

Protanomaly

198.0080, 28.0971, -5.2690

Deuteranomaly

197.6170, 27.7968, -2.2951

Tritanomaly

198.3830, 12.6292, 9.3111

Monochromacy



Original Color

199.8900, 27.1692, 12.3745

Achromatopsia

200.0000, 0.0000, 0.0000

Achromatomaly

199.6660, 10.0247, 4.6779

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.8900, 27.1692, 12.3745 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(214, 182, 255)` looks like.

```
.text, #text, p{  
    color:rgb(214, 182, 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(214, 182, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 182, 255) }
```

Border

The CSS property to change the border of an element to YUV 199.8900, 27.1692, 12.3745 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(214, 182, 255) }
```


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

```
.border{ border-color:rgb(214, 182, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 182, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 182, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 182, 255);  
box-shadow:4px 4px 4px 4px rgb(214, 182,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 199.8900, 27.1692, 12.3745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 182, 255) }
```

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

```
.background{ background-color: rgb(214,  
182, 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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