

Converting Colors

$Y_{xy}(61.2191, 0.3200, 0.2612)$

Have a look what the booklet for
Yxy(61.2191, 0.3200, 0.2612)
contains.

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Color

Yxy(61.2099, 0.3199, 0.2610)

Conversions

Conversions Part 1

Format	Color
Hex	FFB5FA
RGB	255, 181, 250
RGB Percent	100%, 71%, 98%
CMY	0.0000, 0.2902, 0.0197
CMYK	0.00, 0.29, 0.02, 0.00
HSL	304°, 100%, 85%
HSV	304°, 29%, 100%
XYZ	75.0232, 61.2099, 98.2876
YIQ	210.9920, 21.9550, 37.1470

Conversions

Conversions Part 2

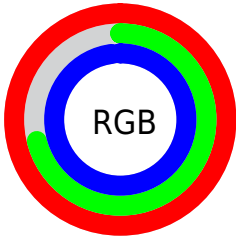
Format	Color
R _Y B	255, 181, 250
Decimal	16758266
CIE Lab	82.49, 37.55, -23.48
CIE LCh	82, 44.288, 327.988
Yxy	61.2099, 0.3199, 0.2610
Android (android.graphics.Color)	4294948346 (0xFFFFB5FA)
YUV	210.9920, 19.2309, 38.5950
Hunter-Lab	78.2368, 34.2538, -19.7194

Details

The Yxy color **61.2099, 0.3199, 0.2610** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **84.8893, 0.3061, 0.4080**, and the grayscale version is **64.9926, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.6291, 0.3135, 0.3127**, and **30.8993, 0.3208, 0.2463** is the 20% darker color. If you saturate the color by 10%, you get **51.6618, 0.3227, 0.2381**, and if you desaturate by 10%, it is **72.6527, 0.3172, 0.2847**.

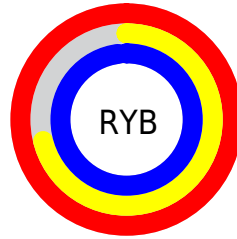
Distribution



Red (100%)

Green (71%)

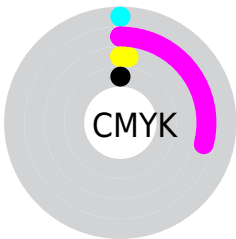
Blue (98%)



Red (100%)

Yellow (71%)

Blue (98%)

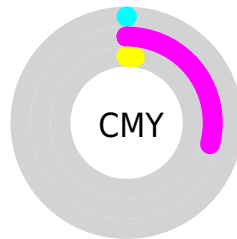


Cyan (0%)

Magenta (29%)

Yellow (2%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.2099, 0.3199, 0.2610 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 Yxy color 61.2099, 0.3199, 0.2610 by changing the saturation by 10% instead.

 61.2099, 0.3199,
0.2610

 61.2099, 0.3199,
0.2610

429.0432, 0.3173,
0.2915

 44.3946, 0.3203,
0.2543


 106.5828, 0.3191,
0.2714

 30.9808, 0.3208,
0.2461


135.9092, 0.3188,
0.2755

 20.5843, 0.3213,
0.2360


170.1747, 0.3185,
0.2790

 12.8205, 0.3217,
0.2231

209.7637, 0.3182,
0.2821

 7.3050, 0.3218,
0.2063

255.0607, 0.3179,
0.2849

 3.6536, 0.3214,
0.1833


306.4500, 0.3177,


 1.4817, 0.3191,


0.2873

0.1508


364.3161, 0.3175,
0.2895

 0.2758, 0.3217,
0.0724


 0.0000, 0.1468,
0.0000


 61.2099, 0.3199,
0.2610

 61.2099, 0.3199,
0.2610

 51.6618, 0.3227,
0.2381

 72.6527, 0.3172,
0.2847

 43.9108, 0.3257,
0.2169

 86.0920, 0.3147,
0.3083

 37.8412, 0.3286,
0.1984

100.0000, 0.3127,
0.3290

 33.3267, 0.3315,
0.1835

■ 30.2229, 0.3342,
0.1728

■ 28.3584, 0.3367,
0.1666

■ 27.4802, 0.3389,
0.1643

■ 27.4160, 0.3391,
0.1641

Harmonies

Analogous

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



61.2099, 0.2660, 0.2424



61.2099, 0.3199, 0.2610



61.2099, 0.3765, 0.2942

Triad

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



61.2099, 0.3199, 0.2610



61.2099, 0.4002, 0.4165



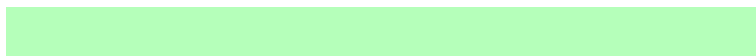
61.2099, 0.2188, 0.3076

Complementary

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



61.2099, 0.3199, 0.2610



84.8893, 0.3061, 0.4080

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.



61.2099, 0.2491, 0.3647



61.2099, 0.3199, 0.2610



61.2099, 0.3533, 0.4321

Square

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



61.2099, 0.3199, 0.2610



61.2099, 0.4245, 0.3800



61.2099, 0.2979, 0.4138



61.2099, 0.2118, 0.2643

Rectangle

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



61.2099, 0.3199, 0.2610



61.2099, 0.4061, 0.3217



61.2099, 0.2979, 0.4138



61.2099, 0.2264, 0.3259

Sweetspot

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



61.2079, 0.3199, 0.2610



86.1216, 0.3147, 0.3083



50.6974, 0.2648, 0.2449



17.9876, 0.3151, 0.3049



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.2079, 0.3199, 0.2610



55.2780, 0.3216, 0.2472



59.1143, 0.3496, 0.2961



18.2779, 0.3148, 0.3071



14.3345, 0.3387, 0.1640



1.4018, 0.3365, 0.1627

Inverse Universe

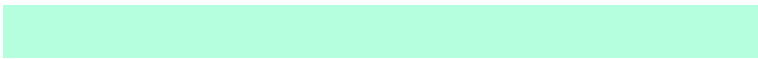
The Inverse Universe completely reimagines the original color for something new.



61.2079, 0.3199, 0.2610



55.2780, 0.3216, 0.2472



86.6676, 0.2866, 0.3646



18.2779, 0.3148, 0.3071



14.3345, 0.3387, 0.1640



1.4018, 0.3365, 0.1627

Previews

White Background



This preview shows how the Yxy color 61.2099, 0.3199, 0.2610 looks on a white background.

Color Contrast Check

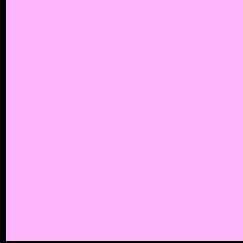
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 61.2099, 0.3199, 0.2610 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](#).

Yxy 61.2099, 0.3199, 0.2610

Background



This preview shows how black text looks on a background with the Yxy color 61.2099, 0.3199, 0.2610.

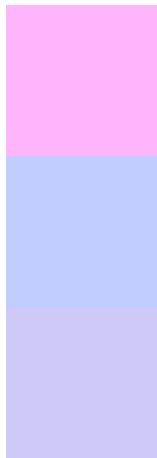


This preview shows how white text looks on a background with the Yxy color 61.2099, 0.3199, 0.2610.

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

61.2099, 0.3199, 0.2610

Protanopia

61.7432, 0.2719, 0.2724

Deuteranopia

61.5489, 0.2859, 0.2794



Tritanopia

61.3263, 0.3505, 0.3144

Trichromacy



Original Color

61.2099, 0.3199, 0.2610



Protanomaly

61.1706, 0.2883, 0.2680



Deuteranomaly

61.1463, 0.2980, 0.2727



Tritanomaly

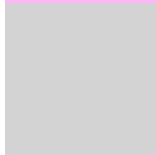
61.2703, 0.3388, 0.2940

Monochromacy



Original Color

61.2099, 0.3199, 0.2610



Achromatopsia

65.1406, 0.3127, 0.3290



Achromatomaly

63.0757, 0.3155, 0.3019

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.2099, 0.3199, 0.2610 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(255, 181, 250)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 250)  
}
```

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(255, 181, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 250) }
```

Border

The CSS property to change the border of an element to Yxy 61.2099, 0.3199, 0.2610 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(255, 181, 250) }
```

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

```
.border{ border-color:rgb(255, 181, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 181, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 181, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 181, 250);  
box-shadow:4px 4px 4px 4px rgb(255, 181,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 61.2099, 0.3199, 0.2610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 181, 250) }
```

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

```
.background{ background-color: rgb(255,  
181, 250) }
```

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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