

Converting Colors

$Y_{xy}(61.1885, 0.3210, 0.2625)$

Have a look what the booklet for
Yxy(61.1885, 0.3210, 0.2625)
contains.

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Color

Yxy(61.1473, 0.3206, 0.2619)

Conversions

Conversions Part 1

Format	Color
Hex	FFB5F9
RGB	255, 181, 249
RGB Percent	100%, 71%, 98%
CMY	0.0001, 0.2901, 0.0235
CMYK	0.00, 0.29, 0.02, 0.00
HSL	305°, 100%, 85%
HSV	305°, 29%, 100%
XYZ	74.8523, 61.1473, 97.4761
YIQ	210.8780, 22.2760, 36.8360

Conversions

Conversions Part 2

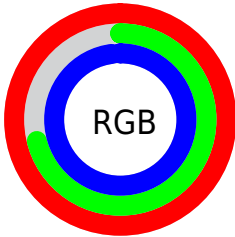
Format	Color
R _Y B	255, 181, 249
Decimal	16758265
CIE Lab	82.46, 37.35, -23.00
CIE LCh	82, 43.862, 328.371
Yxy	61.1473, 0.3206, 0.2619
Android (android.graphics.Color)	4294948345 (0xFFFFB5F9)
YUV	210.8780, 18.7941, 38.6950
Hunter-Lab	78.1967, 34.0214, -19.1702

Details

The Yxy color **61.1473, 0.3206, 0.2619** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **84.9121, 0.3056, 0.4068**, and the grayscale version is **64.9205, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.6291, 0.3135, 0.3127**, and **30.8548, 0.3218, 0.2474** is the 20% darker color. If you saturate the color by 10%, you get **51.5834, 0.3238, 0.2392**, and if you desaturate by 10%, it is **72.6153, 0.3176, 0.2853**.

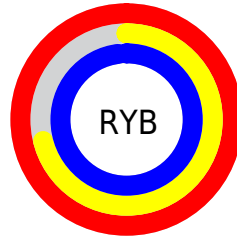
Distribution



Red (100%)

Green (71%)

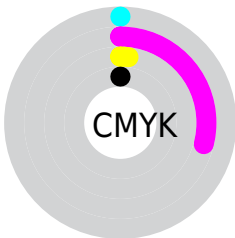
Blue (98%)



Red (100%)

Yellow (71%)

Blue (98%)

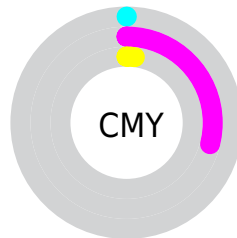


Cyan (0%)

Magenta (29%)

Yellow (2%)

Black (0%)



Cyan (0%)


Magenta (29%)

Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.1473, 0.3206, 0.2619 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 61.1473, 0.3206, 0.2619 by changing the saturation by 10% instead.


 61.1473, 0.3206,
0.2619

 61.1473, 0.3206,
0.2619

428.8139, 0.3176,
0.2920

 44.3441, 0.3211,
0.2553

 106.4922, 0.3197,
0.2722

 30.9411, 0.3217,
0.2472


135.8026, 0.3193,
0.2762

 20.5540, 0.3223,
0.2372


170.0509, 0.3190,
0.2797

 12.7984, 0.3229,
0.2244

209.6214, 0.3186,
0.2828

 7.2899, 0.3233,
0.2077

254.8986, 0.3183,
0.2855

 3.6440, 0.3233,
0.1849


306.2668, 0.3181,


 1.4765, 0.3216,


0.2879


0.1524


364.1104, 0.3178,
0.2901


 0.2721, 0.3257,
0.0729


 0.0000, 0.1445,
0.0000

 61.1473, 0.3206,
0.2619


 61.1473, 0.3206,
0.2619

 51.5834, 0.3238,
0.2392


 72.6153, 0.3176,
0.2853

 43.8120, 0.3271,
0.2182

 86.0750, 0.3149,
0.3086

 37.7221, 0.3305,
0.1999

99.9935, 0.3127,
0.3290

 33.1875, 0.3338,
0.1851

■ 30.0638, 0.3370,
0.1745

■ 28.1798, 0.3399,
0.1684

■ 27.2832, 0.3425,
0.1663

■ 27.2160, 0.3427,
0.1662

Harmonies

Analogous

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



61.1473, 0.2670, 0.2433



61.1473, 0.3206, 0.2619



61.1473, 0.3766, 0.2950

Triad

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



61.1473, 0.3206, 0.2619



61.1473, 0.3990, 0.4161



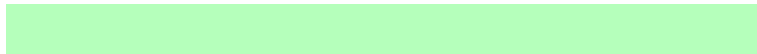
61.1473, 0.2194, 0.3072

Complementary

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



61.1473, 0.3206, 0.2619



84.9121, 0.3056, 0.4068

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.



61.1473, 0.2492, 0.3636



61.1473, 0.3206, 0.2619



61.1473, 0.3523, 0.4311

Square

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



61.1473, 0.3206, 0.2619



61.1473, 0.4234, 0.3802



61.1473, 0.2974, 0.4125



61.1473, 0.2127, 0.2645

Rectangle

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



61.1473, 0.3206, 0.2619



61.1473, 0.4057, 0.3223



61.1473, 0.2974, 0.4125



61.1473, 0.2268, 0.3253

Sweetspot

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



61.1500, 0.3206, 0.2619



86.1026, 0.3149, 0.3086



50.7082, 0.2648, 0.2450



17.9829, 0.3153, 0.3052



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.



61.1500, 0.3206, 0.2619



55.2062, 0.3225, 0.2482



59.1181, 0.3495, 0.2962



18.2736, 0.3150, 0.3074



14.2359, 0.3424, 0.1660



1.3933, 0.3396, 0.1645

Inverse Universe

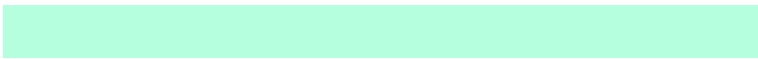
The Inverse Universe completely reimagines the original color for something new.



61.1500, 0.3206, 0.2619



55.2062, 0.3225, 0.2482



86.6482, 0.2866, 0.3646



18.2736, 0.3150, 0.3074



14.2359, 0.3424, 0.1660



1.3933, 0.3396, 0.1645

Previews

White Background



This preview shows how the Yxy color 61.1473, 0.3206, 0.2619 looks on a white background.

Color Contrast Check

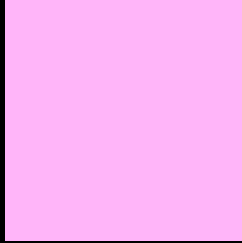
Large Text (above 18pt) WCAG AA × Fail

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 61.1473, 0.3206, 0.2619 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

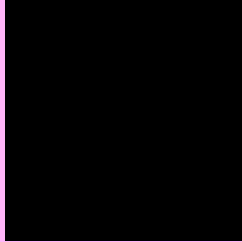
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.1473, 0.3206, 0.2619

Background



This preview shows how black text looks on a background with the Yxy color 61.1473, 0.3206, 0.2619.



This preview shows how white text looks on a background with the Yxy color 61.1473, 0.3206, 0.2619.

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

61.1473, 0.3206, 0.2619

Protanopia

61.7432, 0.2719, 0.2724

Deuteranopia

61.4877, 0.2865, 0.2804



Tritanopia

61.3263, 0.3505, 0.3144

Trichromacy



Original Color

61.1473, 0.3206, 0.2619



Protanomaly

61.1706, 0.2883, 0.2680



Deuteranomaly

61.0847, 0.2987, 0.2737



Tritanomaly

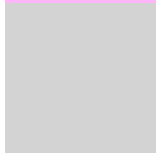
61.2172, 0.3396, 0.2950

Monochromacy



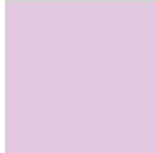
Original Color

61.1473, 0.3206, 0.2619



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 61.1473, 0.3206, 0.2619 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, 249)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 249)  
}
```

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, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 249) }
```

Border

The CSS property to change the border of an element to Yxy 61.1473, 0.3206, 0.2619 is called "border". The border property can be set on classes, ids or directly on the HTML element.

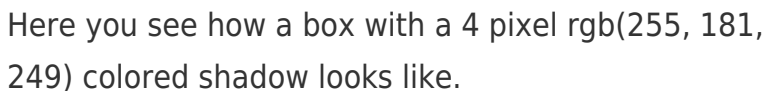
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 181, 249) }
```

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

```
.border{ border-color:rgb(255, 181, 249) }
```

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, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 181, 249); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 181, 249); box-shadow:4px 4px 4px 4px rgb(255, 181, 249) }
```


Background

The CSS property to change the background color of an element to Yxy 61.1473, 0.3206, 0.2619 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, 249) }
```

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

```
.background{ background-color: rgb(255,  
181, 249) }
```

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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