

Converting Colors

Yxy(61.0434, 0.3106, 0.2573)

Have a look what the booklet for
Yxy(61.0434, 0.3106, 0.2573)
contains.

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Color

Yxy(61.0434, 0.3106, 0.2573)

Conversions

Conversions Part 1

Format	Color
Hex	F8B7FF
RGB	248, 183, 255
RGB Percent	97%, 72%, 100%
CMY	0.0276, 0.2823, 0.0000
CMYK	0.03, 0.28, 0.00, 0.00
HSL	294°, 100%, 86%
HSV	294°, 28%, 100%
XYZ	73.6886, 61.0434, 102.5140
YIQ	210.6430, 15.6280, 36.1720

Conversions

Conversions Part 2

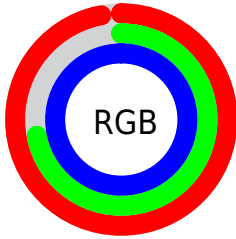
Format	Color
R_{YB}	248, 183, 255
Decimal	16300031
CIE _{Lab}	82.40, 35.18, -26.36
CIE _{LCh}	82, 43.964, 323.155
Y _{xy}	61.0434, 0.3106, 0.2573
Android (android.graphics.Color)	4294490111 (0xFFFF8B7FF)
YUV	210.6430, 21.8680, 32.7621
Hunter-Lab	78.1303, 31.6244, -23.1027

Details

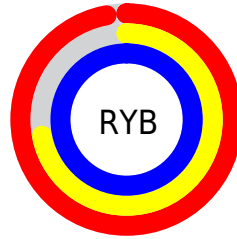
The Yxy color **61.0434, 0.3106, 0.2573** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **85.8922, 0.3131, 0.4102**, and the grayscale version is **64.7396, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8002, 0.3134, 0.3146**, and **30.8541, 0.3096, 0.2416** is the 20% darker color. If you saturate the color by 10%, you get **51.0088, 0.3093, 0.2320**, and if you desaturate by 10%, it is **72.9936, 0.3116, 0.2832**.

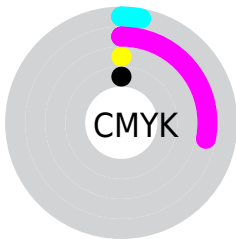
Distribution



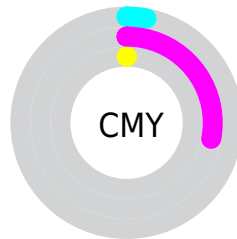
- Red (97%)
- Green (72%)
- Blue (100%)



- Red (97%)
- Yellow (72%)
- Blue (100%)



- Cyan (3%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)





- Cyan (3%)
- Magenta (28%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.0434, 0.3106, 0.2573 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 61.0434, 0.3106, 0.2573 by changing the saturation by 10% instead.


 61.0434, 0.3106,
0.2573

 61.0434, 0.3106,
0.2573

428.4331, 0.3124,
0.2894

 44.2602, 0.3100,
0.2503


 106.3418, 0.3114,
0.2682

 30.8751, 0.3092,
0.2417


135.6257, 0.3116,
0.2725

 20.5038, 0.3080,
0.2311


169.8454, 0.3118,
0.2763

 12.7618, 0.3063,
0.2176

209.3852, 0.3120,
0.2795

 7.2647, 0.3035,
0.2001

254.6294, 0.3121,
0.2824

 3.6282, 0.2988,
0.1764


305.9626, 0.3122,


 1.4678, 0.2900,


0.2850


0.1430


363.7690, 0.3123,
0.2873

 0.2659, 0.2801,
0.0653


 0.0000, 0.0602,
0.0000


 61.0434, 0.3106,
0.2573


 61.0434, 0.3106,
0.2573

 51.0088, 0.3093,
0.2320

 72.9936, 0.3116,
0.2832

 42.7809, 0.3077,
0.2081

 86.9486, 0.3123,
0.3087

 36.2489, 0.3059,
0.1868

100.0000, 0.3127,
0.3290

 31.2875, 0.3037,
0.1689

■ 27.7539, 0.3014,
0.1553

■ 25.4796, 0.2989,
0.1461

■ 24.2322, 0.2964,
0.1411

■ 24.0611, 0.2960,
0.1404

Harmonies

Analogous

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



61.0434, 0.2589, 0.2416



61.0434, 0.3106, 0.2573



61.0434, 0.3677, 0.2883

Triad

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



61.0434, 0.3106, 0.2573



61.0434, 0.4054, 0.4111



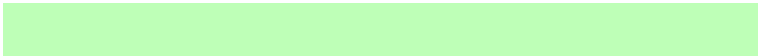
61.0434, 0.2227, 0.3164

Complementary

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



61.0434, 0.3106, 0.2573



85.8922, 0.3131, 0.4102

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.



61.0434, 0.2563, 0.3735



61.0434, 0.3106, 0.2573



61.0434, 0.3616, 0.4310

Square

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



61.0434, 0.3106, 0.2573



61.0434, 0.4248, 0.3730



61.0434, 0.3068, 0.4186



61.0434, 0.2119, 0.2702

Rectangle

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



61.0434, 0.3106, 0.2573



61.0434, 0.3994, 0.3149



61.0434, 0.3068, 0.4186



61.0434, 0.2315, 0.3351

Sweetspot

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



61.0454, 0.3106, 0.2573



87.2922, 0.3123, 0.3093



54.2093, 0.2639, 0.2553



18.2050, 0.3122, 0.3055



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.



61.0454, 0.3106, 0.2573



55.0263, 0.3099, 0.2426



60.6361, 0.3384, 0.2852



18.2050, 0.3122, 0.3055



12.6093, 0.2964, 0.1406



1.2528, 0.2994, 0.1423

Inverse Universe

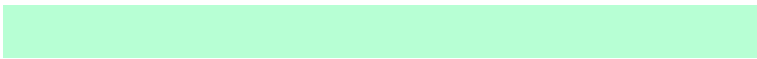
The Inverse Universe completely reimagines the original color for something new.



58.8533, 0.3690, 0.3218



52.5410, 0.3854, 0.3203



86.3332, 0.2935, 0.3774



18.0159, 0.3279, 0.3267



11.1547, 0.6292, 0.3240



1.0953, 0.6083, 0.3125

Previews

White Background



This preview shows how the Yxy color 61.0434, 0.3106, 0.2573 looks on a white background.

Color Contrast Check

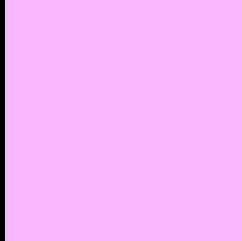
Large Text (above 18pt) WCAG AA × Fail

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 61.0434, 0.3106, 0.2573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

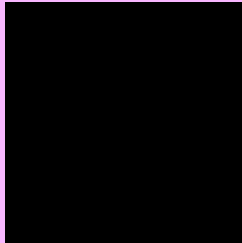
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.0434, 0.3106, 0.2573

Background



This preview shows how black text looks on a background with the Yxy color 61.0434, 0.3106, 0.2573.



This preview shows how white text looks on a background with the Yxy color 61.0434, 0.3106, 0.2573.

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

61.0434, 0.3106, 0.2573

Protanopia

61.6122, 0.2713, 0.2723

Deuteranopia

61.3581, 0.2794, 0.2729



Tritanopia

60.9050, 0.3412, 0.3130

Trichromacy



Original Color

61.0434, 0.3106, 0.2573



Protanomaly

60.6969, 0.2842, 0.2656



Deuteranomaly

60.7355, 0.2903, 0.2662



Tritanomaly

61.0101, 0.3305, 0.2924

Monochromacy



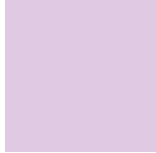
Original Color

61.0434, 0.3106, 0.2573



Achromatopsia

65.1406, 0.3127, 0.3290



Achromatomaly

63.1666, 0.3118, 0.3007

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.0434, 0.3106, 0.2573 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(248, 183, 255)` looks like.

```
.text, #text, p{  
    color:rgb(248, 183, 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(248, 183, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 183, 255) }
```

Border

The CSS property to change the border of an element to Yxy 61.0434, 0.3106, 0.2573 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(248, 183, 255) }
```

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

```
.border{ border-color:rgb(248, 183, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 183, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 183, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 183, 255);  
box-shadow:4px 4px 4px 4px rgb(248, 183,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 61.0434, 0.3106, 0.2573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 183, 255) }
```

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

```
.background{ background-color: rgb(248,  
183, 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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