

Converting Colors

Yxy(58.4711, 0.3123, 0.2507)

Have a look what the booklet for
Yxy(58.4711, 0.3123, 0.2507)
contains.

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Color

Yxy(58.5947, 0.3124, 0.2508)

Conversions

Conversions Part 1

Format	Color
Hex	FAB0FF
RGB	250, 176, 255
RGB Percent	98%, 69%, 100%
CMY	0.0198, 0.3097, 0.0001
CMYK	0.02, 0.31, 0.00, 0.00
HSL	296°, 100%, 85%
HSV	296°, 31%, 100%
XYZ	72.9864, 58.5947, 102.0501
YIQ	207.1320, 18.7450, 40.2570

Conversions

Conversions Part 2

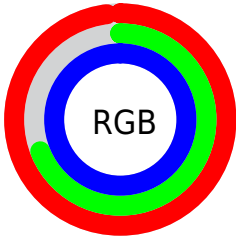
Format	Color
R _Y B	250, 176, 255
Decimal	16429311
CIE Lab	81.07, 39.47, -28.37
CIE LCh	81, 48.604, 324.294
Yxy	58.5947, 0.3124, 0.2508
Android (android.graphics.Color)	4294619391 (0xFFFA00FF)
YUV	207.1320, 23.5989, 37.5952
Hunter-Lab	76.5472, 36.2390, -25.4604

Details

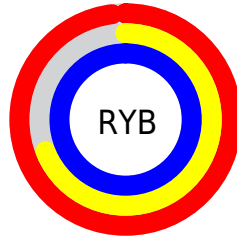
The Yxy color **58.5947, 0.3124, 0.2508** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **84.4693, 0.3114, 0.4198**, and the grayscale version is **62.3234, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.1932, 0.3138, 0.3068**, and **29.2028, 0.3109, 0.2334** is the 20% darker color. If you saturate the color by 10%, you get **49.2202, 0.3119, 0.2262**, and if you desaturate by 10%, it is **69.8547, 0.3127, 0.2763**.

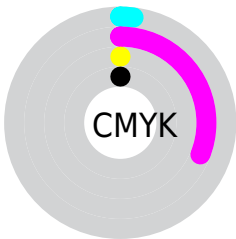
Distribution



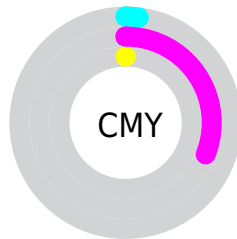
- Red (98%)
- Green (69%)
- Blue (100%)



- Red (98%)
- Yellow (69%)
- Blue (100%)



- Cyan (2%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)




- Cyan (2%)
- Magenta (31%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.5947, 0.3124, 0.2508 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 58.5947, 0.3124, 0.2508 by changing the saturation by 10% instead.


 58.5947, 0.3124,
0.2508

 58.5947, 0.3124,
0.2508


419.3983, 0.3135,
0.2858

 42.2869, 0.3119,
0.2431


 102.7884, 0.3130,
0.2627

 29.3260, 0.3112,
0.2338


131.4431, 0.3131,
0.2674

 19.3276, 0.3102,
0.2223


164.9822, 0.3133,
0.2715

 11.9072, 0.3086,
0.2078

203.7902, 0.3133,
0.2750

 6.6805, 0.3059,
0.1888

248.2514, 0.3134,
0.2782

 3.2631, 0.3011,
0.1634


298.7502, 0.3134,


 1.2706, 0.2919,

0.2810

0.1281

355.6710, 0.3135,
0.2835

 0.1183, 0.2857,
0.0308


 0.0000, 0.0254,
0.0000


 58.5947, 0.3124,
0.2508


 58.5947, 0.3124,
0.2508

 49.2202, 0.3119,
0.2262

 69.8547, 0.3127,
0.2763


 41.6182, 0.3112,
0.2035

 83.0897, 0.3128,
0.3018

 35.6755, 0.3102,
0.1837

 98.3927, 0.3127,
0.3267

 31.2626, 0.3090,
0.1676

 99.9985, 0.3127,
0.3290

■ 28.2308, 0.3077,
0.1559

■ 26.4020, 0.3062,
0.1487

■ 25.5321, 0.3047,
0.1452

Harmonies

Analogous

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



58.5947, 0.2545, 0.2328



58.5947, 0.3124, 0.2508



58.5947, 0.3764, 0.2853

Triad

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



58.5947, 0.3124, 0.2508



58.5947, 0.4142, 0.4210



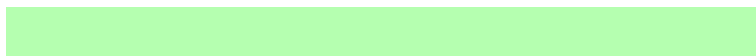
58.5947, 0.2118, 0.3118

Complementary

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



58.5947, 0.3124, 0.2508



84.4693, 0.3114, 0.4198

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.



58.5947, 0.2477, 0.3767



58.5947, 0.3124, 0.2508



58.5947, 0.3642, 0.4438

Square

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



58.5947, 0.3124, 0.2508



58.5947, 0.4378, 0.3783



58.5947, 0.3031, 0.4292



58.5947, 0.2013, 0.2614

Rectangle

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



58.5947, 0.3124, 0.2508



58.5947, 0.4116, 0.3145



58.5947, 0.3031, 0.4292



58.5947, 0.2211, 0.3328

Sweetspot

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



58.5973, 0.3124, 0.2508



85.9460, 0.3128, 0.3068



49.6180, 0.2581, 0.2438



17.9440, 0.3128, 0.3031



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.



58.5973, 0.3124, 0.2508



52.7290, 0.3121, 0.2358



57.5250, 0.3438, 0.2834



18.2382, 0.3128, 0.3055



13.3690, 0.3050, 0.1454



1.3187, 0.3069, 0.1464

Inverse Universe

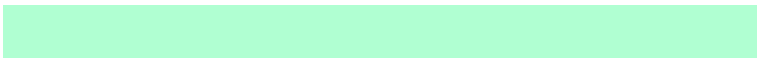
The Inverse Universe completely reimagines the original color for something new.



55.6549, 0.3789, 0.3239



49.4043, 0.3979, 0.3229



85.4033, 0.2905, 0.3797



18.0058, 0.3284, 0.3275



11.1357, 0.6336, 0.3264



1.0905, 0.6189, 0.3183

Previews

White Background



This preview shows how the Yxy color 58.5947, 0.3124, 0.2508 looks on a white background.

Color Contrast Check

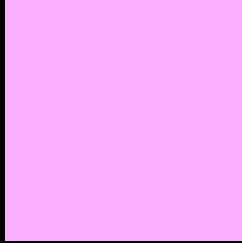
Large Text (above 18pt) WCAG AA × Fail

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 58.5947, 0.3124, 0.2508 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

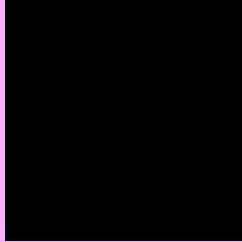
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.5947, 0.3124, 0.2508

Background



This preview shows how black text looks on a background with the Yxy color 58.5947, 0.3124, 0.2508.

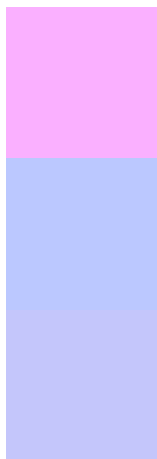


This preview shows how white text looks on a background with the Yxy color 58.5947, 0.3124, 0.2508.

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

58.5947, 0.3124, 0.2508

Protanopia

59.0933, 0.2676, 0.2672

Deuteranopia

59.0890, 0.2757, 0.2699



Tritanopia

58.8124, 0.3486, 0.3141

Trichromacy



Original Color

58.5947, 0.3124, 0.2508



Protanomaly

58.1832, 0.2825, 0.2598



Deuteranomaly

58.4541, 0.2887, 0.2624



Tritanomaly

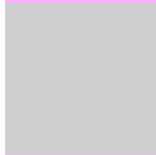
58.6803, 0.3352, 0.2893

Monochromacy



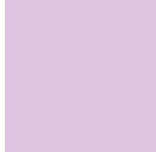
Original Color

58.5947, 0.3124, 0.2508



Achromatopsia

62.3960, 0.3127, 0.3290



Achromatomaly

60.5496, 0.3134, 0.2982

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.5947, 0.3124, 0.2508 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(250, 176, 255)` looks like.

```
.text, #text, p{  
    color:rgb(250, 176, 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(250, 176, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 176, 255) }
```

Border

The CSS property to change the border of an element to Yxy 58.5947, 0.3124, 0.2508 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(250, 176, 255) }
```

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

```
.border{ border-color:rgb(250, 176, 255) }
```

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

Here you see how a box with a 4 pixel rgb(250, 176, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 176, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 176, 255);  
box-shadow:4px 4px 4px 4px rgb(250, 176,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 58.5947, 0.3124, 0.2508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 176, 255) }
```

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

```
.background{ background-color: rgb(250,  
176, 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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