

Converting Colors

Yxy(57.9898, 0.3149, 0.2484)

Have a look what the booklet for
Yxy(57.9898, 0.3149, 0.2484)
contains.

Yxy(57.9898, 0.3149, 0.2484)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(57.9898, 0.3149, 0.2484)

Conversions

Conversions Part 1

Format	Color
Hex	FDADFF
RGB	253, 173, 255
RGB Percent	99%, 68%, 100%
CMY	0.0077, 0.3216, 0.0000
CMYK	0.01, 0.32, 0.00, 0.00
HSL	299°, 100%, 84%
HSV	299°, 32%, 100%
XYZ	73.5144, 57.9898, 101.9491
YIQ	206.2680, 21.3580, 42.4620

Conversions

Conversions Part 2

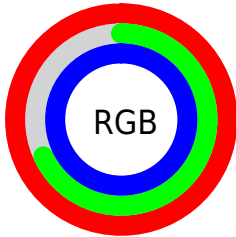
Format	Color
R _Y B	253, 173, 255
Decimal	16625151
CIE _{Lab}	80.73, 42.01, -28.88
CIE _{LCh}	81, 50.982, 325.496
Y _{xy}	57.9898, 0.3149, 0.2484
Android (android.graphics.Color)	4294815231 (0xFFFDADFF)
YUV	206.2680, 24.0249, 40.9840
Hunter-Lab	76.1510, 39.0555, -26.0702

Details

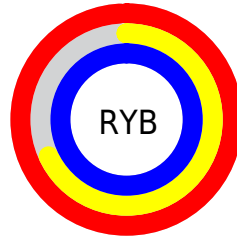
The Yxy color **57.9898, 0.3149, 0.2484** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **83.6444, 0.3094, 0.4244**, and the grayscale version is **61.7352, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.5186, 0.3139, 0.3039**, and **28.8730, 0.3141, 0.2308** is the 20% darker color. If you saturate the color by 10%, you get **49.0134, 0.3154, 0.2245**, and if you desaturate by 10%, it is **68.8341, 0.3143, 0.2735**.

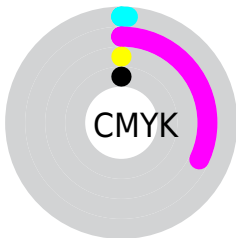
Distribution



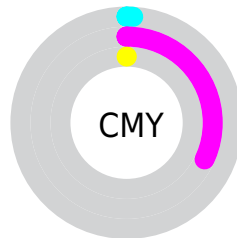
- Red (99%)
- Green (68%)
- Blue (100%)



- Red (99%)
- Yellow (68%)
- Blue (100%)



- Cyan (1%)
- Magenta (32%)
- Yellow (0%)
- Black (0%)




- Cyan (1%)
- Magenta (32%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.9898, 0.3149, 0.2484 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 57.9898, 0.3149, 0.2484 by changing the saturation by 10% instead.


 57.9898, 0.3149,
0.2484

 57.9898, 0.3149,
0.2484


417.1479, 0.3149,
0.2844

 41.8004, 0.3147,
0.2405

 101.9080, 0.3151,
0.2606

 28.9451, 0.3143,
0.2310


130.4056, 0.3151,
0.2654

 19.0393, 0.3136,
0.2192


163.7748, 0.3151,
0.2696

 11.6987, 0.3124,
0.2043

202.4000, 0.3151,
0.2733

 6.5388, 0.3103,
0.1849

246.6655, 0.3150,
0.2766

 3.1754, 0.3063,
0.1591


296.9557, 0.3150,


 1.2240, 0.2981,


0.2795


0.1234


353.6550, 0.3149,
0.2821


 0.0812, 0.2952,
0.0212


 0.0000, 0.0531,
0.0000


 57.9898, 0.3149,
0.2484


 57.9898, 0.3149,
0.2484


 49.0134, 0.3154,
0.2245

 68.8341, 0.3143,
0.2735

 41.7962, 0.3158,
0.2028

 81.6422, 0.3136,
0.2989

 36.2217, 0.3159,
0.1842

 96.5060, 0.3129,
0.3237

 32.1584, 0.3159,
0.1695

100.0000, 0.3127,
0.3290

■ 29.4549, 0.3157,
0.1591

■ 27.9282, 0.3152,
0.1531

■ 27.3404, 0.3148,
0.1508

Harmonies

Analogous

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



57.9898, 0.2537, 0.2288



57.9898, 0.3149, 0.2484



57.9898, 0.3822, 0.2848

Triad

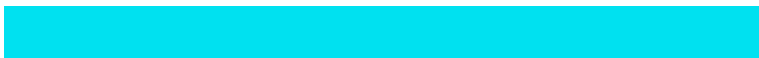
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



57.9898, 0.3149, 0.2484



57.9898, 0.4173, 0.4266



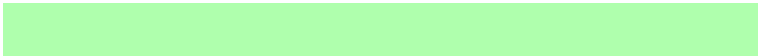
57.9898, 0.2061, 0.3080

Complementary

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



57.9898, 0.3149, 0.2484



83.6444, 0.3094, 0.4244

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.



57.9898, 0.2423, 0.3765



57.9898, 0.3149, 0.2484



57.9898, 0.3638, 0.4501

Square

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



57.9898, 0.3149, 0.2484



57.9898, 0.4439, 0.3820



57.9898, 0.2996, 0.4335



57.9898, 0.1964, 0.2562

Rectangle

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



57.9898, 0.3149, 0.2484



57.9898, 0.4187, 0.3154



57.9898, 0.2996, 0.4335



57.9898, 0.2153, 0.3300

Sweetspot

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



57.9905, 0.3149, 0.2484



84.6801, 0.3135, 0.3043



47.0426, 0.2553, 0.2366



17.7002, 0.3136, 0.3008



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.



57.9905, 0.3149, 0.2484



51.6574, 0.3153, 0.2319



56.1366, 0.3477, 0.2843



18.2769, 0.3134, 0.3056



14.2960, 0.3149, 0.1509



1.3987, 0.3157, 0.1513

Inverse Universe

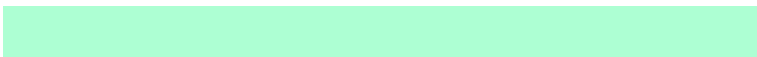
The Inverse Universe completely reimagines the original color for something new.



54.2342, 0.3855, 0.3272



47.3524, 0.4087, 0.3268



85.1185, 0.2883, 0.3788



17.9941, 0.3291, 0.3285



11.1188, 0.6377, 0.3286



1.0850, 0.6319, 0.3255

Previews

White Background



This preview shows how the Yxy color 57.9898, 0.3149, 0.2484 looks on a white background.

Color Contrast Check

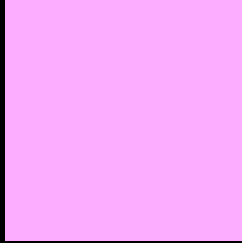
Large Text (above 18pt) WCAG AA × Fail

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 57.9898, 0.3149, 0.2484 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

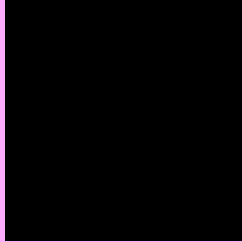
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.9898, 0.3149, 0.2484

Background



This preview shows how black text looks on a background with the Yxy color 57.9898, 0.3149, 0.2484.

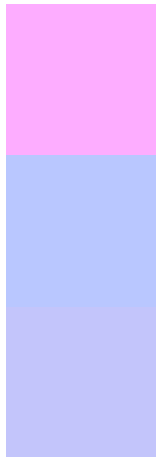


This preview shows how white text looks on a background with the Yxy color 57.9898, 0.3149, 0.2484.

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

57.9898, 0.3149, 0.2484

Protanopia

58.3811, 0.2662, 0.2658

Deuteranopia

58.4996, 0.2750, 0.2686



Tritanopia

57.7707, 0.3534, 0.3141

Trichromacy



Original Color

57.9898, 0.3149, 0.2484



Protanomaly

57.7485, 0.2824, 0.2587



Deuteranomaly

57.5936, 0.2886, 0.2602



Tritanomaly

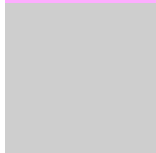
57.7134, 0.3389, 0.2884

Monochromacy



Original Color

57.9898, 0.3149, 0.2484



Achromatopsia

61.7207, 0.3127, 0.3290



Achromatomaly

59.6534, 0.3135, 0.2960

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.9898, 0.3149, 0.2484 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(253, 173, 255)` looks like.

```
.text, #text, p{  
  color:rgb(253, 173, 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(253, 173, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 173, 255) }
```

Border

The CSS property to change the border of an element to Yxy 57.9898, 0.3149, 0.2484 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(253, 173, 255) }
```

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

```
.border{ border-color:rgb(253, 173, 255) }
```

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

Here you see how a box with a 4 pixel rgb(253, 173, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 173, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 173, 255);  
box-shadow:4px 4px 4px 4px rgb(253, 173,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 57.9898, 0.3149, 0.2484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 173, 255) }
```

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

```
.background{ background-color: rgb(253,  
173, 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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