

Converting Colors

Yxy(53.9905, 0.2701, 0.1845)

Have a look what the booklet for
Yxy(53.9905, 0.2701, 0.1845)
contains.

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Color

Yxy(49.6329, 0.3116, 0.2274)

Conversions

Conversions Part 1

Format	Color
Hex	F898FF
RGB	248, 152, 255
RGB Percent	97%, 60%, 100%
CMY	0.0272, 0.4041, 0.0000
CMYK	0.03, 0.40, 0.00, 0.00
HSL	296°, 100%, 80%
HSV	296°, 40%, 100%
XYZ	68.0106, 49.6329, 100.6190
YIQ	192.4460, 24.1530, 52.3850

Conversions

Conversions Part 2

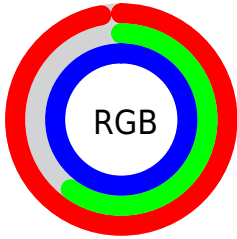
Format	Color
R _Y B	248, 152, 255
Decimal	16292095
CIE Lab	75.84, 51.34, -36.46
CIE LCh	76, 62.965, 324.621
Yxy	49.6329, 0.3116, 0.2274
Android (android.graphics.Color)	4294482175 (0xFFFF898FF)
YUV	192.4460, 30.8391, 48.7209
Hunter-Lab	70.4506, 49.0292, -35.3638

Details

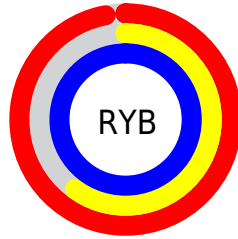
The Yxy color **49.6329, 0.3116, 0.2274** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **81.1454, 0.3107, 0.4527**, and the grayscale version is **52.7909, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.5918, 0.3149, 0.2831**, and **23.7597, 0.3094, 0.2054** is the 20% darker color. If you saturate the color by 10%, you get **41.9178, 0.3108, 0.2045**, and if you desaturate by 10%, it is **59.1317, 0.3122, 0.2522**.

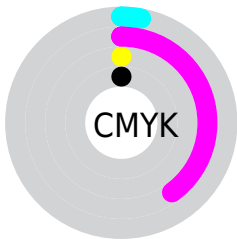
Distribution



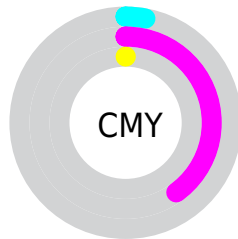
- Red (97%)
- Green (60%)
- Blue (100%)



- Red (97%)
- Yellow (60%)
- Blue (100%)



- Cyan (3%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)




- Cyan (3%)
- Magenta (40%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.6329, 0.3116, 0.2274 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 49.6329, 0.3116, 0.2274 by changing the saturation by 10% instead.

 49.6329, 0.3116,
0.2274


 49.6329, 0.3116,
0.2274


385.2286, 0.3138,
0.2729

 35.1218, 0.3107,
0.2175


 89.6307, 0.3127,
0.2428

 23.7567, 0.3094,
0.2055


 115.8862, 0.3130,
0.2489

 15.1532, 0.3075,
0.1907

146.8254, 0.3132,
0.2542

 8.9270, 0.3044,
0.1722

182.8324, 0.3134,
0.2589

 4.6936, 0.2995,
0.1486

224.2919, 0.3135,
0.2630

 2.0686, 0.2907,
0.1179

271.5882, 0.3136,

 0.6469, 0.2745,

0.2667

0.0758

325.1056, 0.3137,
0.2700

0.0000, 0.2458,
0.0000

0.0000, 0.0000,
0.0000

49.6329, 0.3116,
0.2274

49.6329, 0.3116,
0.2274

41.9178, 0.3108,
0.2045

59.1317, 0.3122,
0.2522

35.8684, 0.3097,
0.1845

70.5164, 0.3126,
0.2777

31.3571, 0.3085,
0.1681

83.8845, 0.3127,
0.3032

28.2365, 0.3070,
0.1561

99.3262, 0.3127,
0.3280

■ 26.3304, 0.3054,
0.1485

100.0000, 0.3127,
0.3290

■ 25.3721, 0.3038,
0.1447

Harmonies

Analogous

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



49.6329, 0.2351, 0.2041



49.6329, 0.3116, 0.2274



49.6329, 0.4001, 0.2708

Triad

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



49.6329, 0.3116, 0.2274



49.6329, 0.4448, 0.4477



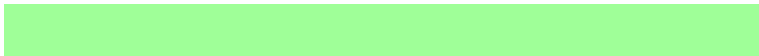
49.6329, 0.1792, 0.3013

Complementary

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



49.6329, 0.3116, 0.2274



81.1454, 0.3107, 0.4527

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.



49.6329, 0.2233, 0.3940



49.6329, 0.3116, 0.2274



49.6329, 0.3761, 0.4861

Square

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



49.6329, 0.3116, 0.2274



49.6329, 0.4809, 0.3885



49.6329, 0.2951, 0.4710



49.6329, 0.1678, 0.2359

Rectangle

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



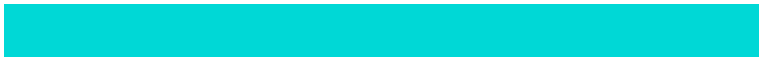
49.6329, 0.3116, 0.2274



49.6329, 0.4489, 0.3074



49.6329, 0.2951, 0.4710



49.6329, 0.1902, 0.3304

Sweetspot

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



49.6338, 0.3116, 0.2274



81.6185, 0.3127, 0.2992



39.2239, 0.2389, 0.2146



17.0803, 0.3127, 0.2959



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.



49.6338, 0.3116, 0.2274



43.6182, 0.3110, 0.2098



48.4610, 0.3553, 0.2676



18.2345, 0.3127, 0.3055



13.2840, 0.3041, 0.1449



1.3114, 0.3061, 0.1460

Inverse Universe

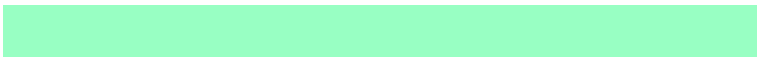
The Inverse Universe completely reimagines the original color for something new.



46.2035, 0.4092, 0.3220



39.8437, 0.4379, 0.3209



82.1271, 0.2856, 0.4006



18.0069, 0.3284, 0.3274



11.1375, 0.6332, 0.3262



1.0910, 0.6177, 0.3177

Previews

White Background



This preview shows how the Yxy color 49.6329, 0.3116, 0.2274 looks on a white background.

Color Contrast Check

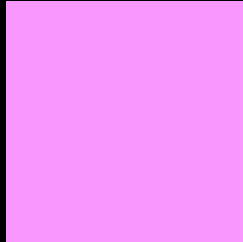
Large Text (above 18pt) WCAG AA × Fail

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 49.6329, 0.3116, 0.2274 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

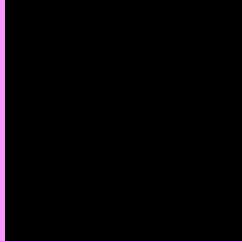
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.6329, 0.3116, 0.2274

Background



This preview shows how black text looks on a background with the Yxy color 49.6329, 0.3116, 0.2274.



This preview shows how white text looks on a background with the Yxy color 49.6329, 0.3116, 0.2274.

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

49.6329, 0.3116, 0.2274

Protanopia

50.0249, 0.2522, 0.2468

Deuteranopia

49.7785, 0.2586, 0.2522



Tritanopia

49.5186, 0.3661, 0.3147

Trichromacy



Original Color

49.6329, 0.3116, 0.2274



Protanomaly

48.8429, 0.2711, 0.2374



Deuteranomaly

48.6122, 0.2758, 0.2406

Tritanomaly

49.2720, 0.3458, 0.2797

Monochromacy



Original Color

49.6329, 0.3116, 0.2274



Achromatopsia

52.7115, 0.3127, 0.3290



Achromatomaly

50.3476, 0.3122, 0.2851

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.6329, 0.3116, 0.2274 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, 152, 255)` looks like.

```
.text, #text, p{  
    color:rgb(248, 152, 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, 152, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 152, 255) }
```

Border

The CSS property to change the border of an element to Yxy 49.6329, 0.3116, 0.2274 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, 152, 255) }
```

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

```
.border{ border-color:rgb(248, 152, 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, 152, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 152, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 152, 255);  
box-shadow:4px 4px 4px 4px rgb(248, 152,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 49.6329, 0.3116, 0.2274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 152, 255) }
```

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

```
.background{ background-color: rgb(248,  
152, 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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