

Converting Colors

$Yxy(45.1644, 0.3338, 0.2478)$

Have a look what the booklet for
Yxy(45.1644, 0.3338, 0.2478)
contains.

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Color

Yxy(44.9943, 0.3340, 0.2476)

Conversions

Conversions Part 1

Format	Color
Hex	F392E0
RGB	243, 146, 224
RGB Percent	95%, 57%, 88%
CMY	0.0471, 0.4274, 0.1214
CMYK	0.00, 0.40, 0.08, 0.05
HSL	312°, 80%, 76%
HSV	312°, 40%, 95%
XYZ	60.6951, 44.9943, 76.0324
YIQ	183.8950, 32.7740, 44.8220

Conversions

Conversions Part 2

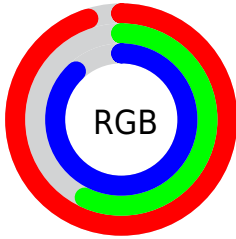
Format	Color
R _Y B	243, 146, 224
Decimal	15962848
CIE Lab	72.89, 47.43, -24.18
CIE LCh	73, 53.238, 332.986
Yxy	44.9943, 0.3340, 0.2476
Android (android.graphics.Color)	4294152928 (0xFFFF392E0)
YUV	183.8950, 19.7718, 51.8351
Hunter-Lab	67.0778, 44.1288, -20.2505

Details

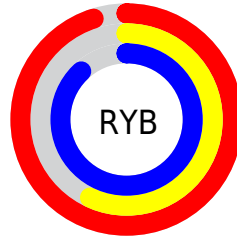
The Yxy color **44.9943, 0.3340, 0.2476** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **72.9184, 0.2971, 0.4275**, and the grayscale version is **47.7491, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.7211, 0.3151, 0.2772**, and **21.0076, 0.3377, 0.2282** is the 20% darker color. If you saturate the color by 10%, you get **38.0298, 0.3410, 0.2287**, and if you desaturate by 10%, it is **53.5620, 0.3276, 0.2679**.

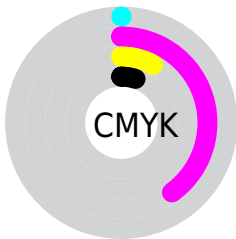
Distribution



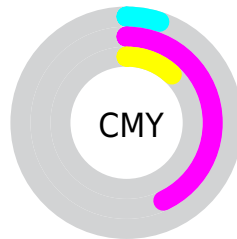
- Red (95%)
- Green (57%)
- Blue (88%)



- Red (95%)
- Yellow (57%)
- Blue (88%)



- Cyan (0%)
- Magenta (40%)
- Yellow (8%)
- Black (5%)



- Cyan (5%)
- Magenta (43%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.9943, 0.3340, 0.2476 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 44.9943, 0.3340, 0.2476 by changing the saturation by 10% instead.


 44.9943, 0.3340,
0.2476

 44.9943, 0.3340,
0.2476


366.7505, 0.3246,
0.2855

 31.4529, 0.3360,
0.2389


 82.7119, 0.3308,
0.2608

 20.9440, 0.3384,
0.2283


 107.6568, 0.3296,
0.2659

 13.0831, 0.3413,
0.2148

137.1718, 0.3285,
0.2703

 7.4858, 0.3448,
0.1973

171.6412, 0.3275,
0.2741

 3.7677, 0.3491,
0.1739

211.4493, 0.3267,
0.2775

 1.5445, 0.3539,
0.1414

256.9807, 0.3259,

 0.3197, 0.3669,

0.2805

0.0721

308.6196, 0.3252,
0.2831

0.0000, 0.3295,
0.0000

0.0000, 0.0000,
0.0000

44.9943, 0.3340,
0.2476

44.9943, 0.3340,
0.2476

38.0298, 0.3410,
0.2287

53.5620, 0.3276,
0.2679

32.5605, 0.3484,
0.2121


63.8195, 0.3220,
0.2887


28.4749, 0.3561,
0.1990


75.8546, 0.3170,
0.3093

25.6431, 0.3639,
0.1901


89.7473, 0.3127,
0.3292

 23.9108, 0.3714,
0.1859

 97.3351, 0.3094,
0.3360

 23.0217, 0.3785,
0.1859

 97.6332, 0.3067,
0.3314

 23.0150, 0.3786,
0.1859

 97.7918, 0.3053,
0.3290

Harmonies

Analogous

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



44.9943, 0.2613, 0.2209



44.9943, 0.3340, 0.2476



44.9943, 0.4087, 0.2912

Triad

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



44.9943, 0.3340, 0.2476



44.9943, 0.4164, 0.4478



44.9943, 0.1880, 0.2868

Complementary

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



44.9943, 0.3340, 0.2476



72.9184, 0.2971, 0.4275

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.



44.9943, 0.2203, 0.3628



44.9943, 0.3340, 0.2476



44.9943, 0.3511, 0.4677

Square

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



44.9943, 0.3340, 0.2476



44.9943, 0.4567, 0.3999



44.9943, 0.2792, 0.4367



44.9943, 0.1849, 0.2366

Rectangle

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



44.9943, 0.3340, 0.2476



44.9943, 0.4447, 0.3261



44.9943, 0.2792, 0.4367



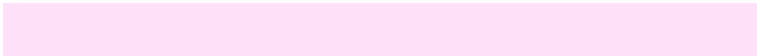
44.9943, 0.1955, 0.3101

Sweetspot

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



44.9964, 0.3340, 0.2476



81.6275, 0.3180, 0.3050



34.9008, 0.2514, 0.2103



17.0825, 0.3186, 0.3023



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.



44.9964, 0.3340, 0.2476



43.7001, 0.3397, 0.2319



42.7756, 0.3810, 0.2956



16.7095, 0.3168, 0.3102



12.6528, 0.3775, 0.1853



1.1259, 0.3691, 0.1807

Inverse Universe

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



44.9964, 0.3340, 0.2476



43.7001, 0.3397, 0.2319



74.9708, 0.2726, 0.3661



16.7095, 0.3168, 0.3102



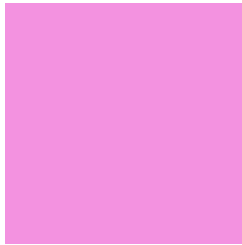
12.6528, 0.3775, 0.1853



1.1259, 0.3691, 0.1807

Previews

White Background



This preview shows how the Yxy color 44.9943, 0.3340, 0.2476 looks on a white background.

Color Contrast Check

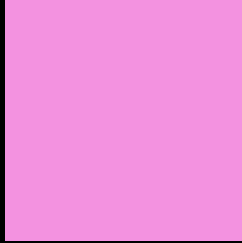
Large Text (above 18pt) WCAG AA × Fail

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 44.9943, 0.3340, 0.2476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

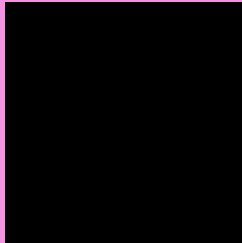
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.9943, 0.3340, 0.2476

Background



This preview shows how black text looks on a background with the Yxy color 44.9943, 0.3340, 0.2476.

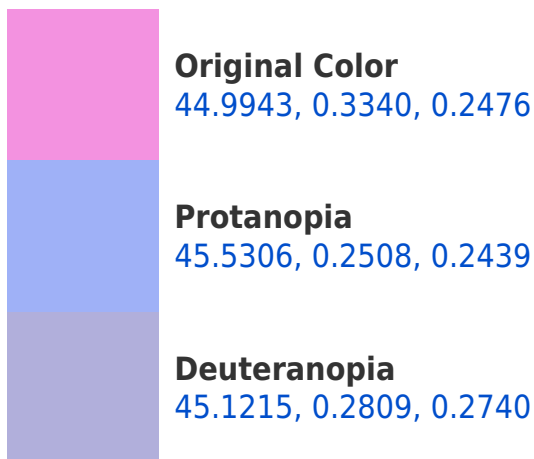


This preview shows how white text looks on a background with the Yxy color 44.9943, 0.3340, 0.2476.

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





Tritanopia

44.8114, 0.3790, 0.3156

Trichromacy



Original Color

44.9943, 0.3340, 0.2476



Protanomaly

44.4516, 0.2765, 0.2436



Deuteranomaly

44.1889, 0.2985, 0.2617



Tritanomaly

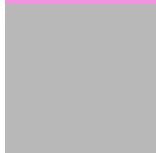
44.8073, 0.3628, 0.2894

Monochromacy



Original Color

44.9943, 0.3340, 0.2476



Achromatopsia

47.9320, 0.3127, 0.3290



Achromatomaly

45.8521, 0.3197, 0.2940

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.9943, 0.3340, 0.2476 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(243, 146, 224)` looks like.

```
.text, #text, p{  
    color:rgb(243, 146, 224)  
}
```

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(243, 146, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 146, 224) }
```

Border

The CSS property to change the border of an element to Yxy 44.9943, 0.3340, 0.2476 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(243, 146, 224) }
```

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

```
.border{ border-color:rgb(243, 146, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 146, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 146, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 146, 224);  
box-shadow:4px 4px 4px 4px rgb(243, 146,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 44.9943, 0.3340, 0.2476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 146, 224) }
```

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

```
.background{ background-color: rgb(243,  
146, 224) }
```

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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