

Converting Colors

$Y_{xy}(44.9078, 0.3353, 0.2489)$

Have a look what the booklet for
Yxy(44.9078, 0.3353, 0.2489)
contains.

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Color

Yxy(44.9402, 0.3350, 0.2486)

Conversions

Conversions Part 1

Format	Color
Hex	F392DF
RGB	243, 146, 223
RGB Percent	95%, 57%, 87%
CMY	0.0470, 0.4274, 0.1256
CMYK	0.00, 0.40, 0.08, 0.05
HSL	312°, 80%, 76%
HSV	312°, 40%, 95%
XYZ	60.5590, 44.9402, 75.2739
YIQ	183.7810, 33.0950, 44.5110

Conversions

Conversions Part 2

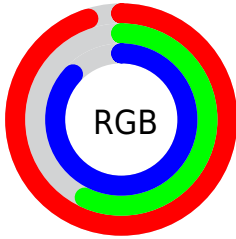
Format	Color
R _Y B	243, 146, 223
Decimal	15962847
CIE Lab	72.85, 47.26, -23.65
CIE LCh	73, 52.848, 333.416
Yxy	44.9402, 0.3350, 0.2486
Android (android.graphics.Color)	4294152927 (0xFFFF392DF)
YUV	183.7810, 19.3350, 51.9351
Hunter-Lab	67.0375, 43.9343, -19.6484

Details

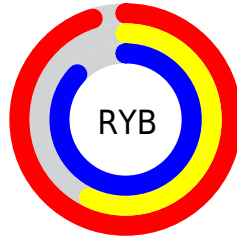
The Yxy color **44.9402, 0.3350, 0.2486** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **72.9725, 0.2966, 0.4261**, and the grayscale version is **47.6846, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.7211, 0.3151, 0.2772**, and **20.9701, 0.3390, 0.2294** is the 20% darker color. If you saturate the color by 10%, you get **37.9626, 0.3423, 0.2299**, and if you desaturate by 10%, it is **53.5221, 0.3283, 0.2687**.

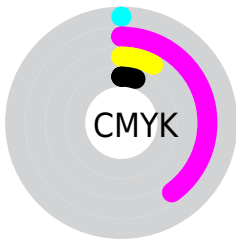
Distribution



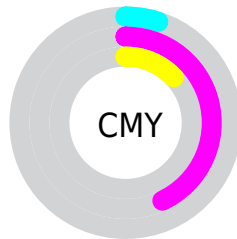
- Red (95%)
- Green (57%)
- Blue (87%)



- Red (95%)
- Yellow (57%)
- Blue (87%)



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




- Cyan (5%)
- Magenta (43%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.9402, 0.3350, 0.2486 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 44.9402, 0.3350, 0.2486 by changing the saturation by 10% instead.


 44.9402, 0.3350,
0.2486

 44.9402, 0.3350,
0.2486


366.5313, 0.3251,
0.2861

 31.4103, 0.3371,
0.2400


 82.6307, 0.3316,
0.2616

 20.9115, 0.3397,
0.2294


 107.5601, 0.3303,
0.2667

 13.0593, 0.3429,
0.2161


137.0581, 0.3292,
0.2711

 7.4694, 0.3467,
0.1987

171.5091, 0.3281,
0.2749

 3.7574, 0.3515,
0.1754

211.2975, 0.3272,
0.2782

 1.5388, 0.3571,
0.1430

256.8078, 0.3264,

 0.3158, 0.3719,

0.2811

0.0728

308.4243, 0.3257,
0.2837

■ 0.0000, 0.3365,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 44.9402, 0.3350,
0.2486

■ 44.9402, 0.3350,
0.2486

■ 37.9626, 0.3423,
0.2299

■ 53.5221, 0.3283,
0.2687

■ 32.4813, 0.3502,
0.2135

■ 63.7950, 0.3224,
0.2892

■ 28.3848, 0.3584,
0.2005

■ 75.8468, 0.3172,
0.3096

■ 25.5431, 0.3667,
0.1918

■ 89.7573, 0.3127,
0.3292

■ 23.8017, 0.3747,
0.1878

■ 97.3578, 0.3093,
0.3358

■ 22.9043, 0.3824,
0.1880

■ 97.6737, 0.3064,
0.3308

■ 22.8980, 0.3824,
0.1880

■ 97.7962, 0.3054,
0.3290

Harmonies

Analogous

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



44.9402, 0.2625, 0.2217



44.9402, 0.3350, 0.2486



44.9402, 0.4090, 0.2922

Triad

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



44.9402, 0.3350, 0.2486



44.9402, 0.4150, 0.4476



44.9402, 0.1885, 0.2863

Complementary

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



44.9402, 0.3350, 0.2486



72.9725, 0.2966, 0.4261

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.



44.9402, 0.2202, 0.3614



44.9402, 0.3350, 0.2486



44.9402, 0.3499, 0.4667

Square

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



44.9402, 0.3350, 0.2486



44.9402, 0.4555, 0.4004



44.9402, 0.2785, 0.4350



44.9402, 0.1858, 0.2367

Rectangle

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



44.9402, 0.3350, 0.2486



44.9402, 0.4444, 0.3269



44.9402, 0.2785, 0.4350



44.9402, 0.1958, 0.3092

Sweetspot

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



44.9423, 0.3350, 0.2486



81.6061, 0.3182, 0.3053



35.0745, 0.2526, 0.2107



17.0775, 0.3189, 0.3027



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.



44.9423, 0.3350, 0.2486



43.6230, 0.3410, 0.2331



42.7154, 0.3828, 0.2973



16.7062, 0.3170, 0.3104



12.5865, 0.3813, 0.1874



1.1207, 0.3722, 0.1824

Inverse Universe

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



44.9423, 0.3350, 0.2486



43.6230, 0.3410, 0.2331



75.0681, 0.2718, 0.3641



16.7062, 0.3170, 0.3104



12.5865, 0.3813, 0.1874



1.1207, 0.3722, 0.1824

Previews

White Background



This preview shows how the Yxy color 44.9402, 0.3350, 0.2486 looks on a white background.

Color Contrast Check

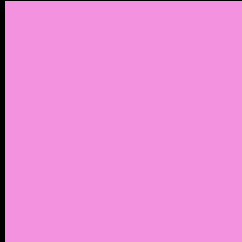
Large Text (above 18pt) WCAG AA × Fail

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 44.9402, 0.3350, 0.2486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

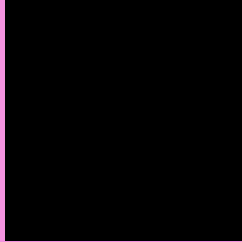
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.9402, 0.3350, 0.2486

Background



This preview shows how black text looks on a background with the Yxy color 44.9402, 0.3350, 0.2486.



This preview shows how white text looks on a background with the Yxy color 44.9402, 0.3350, 0.2486.

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

44.9402, 0.3350, 0.2486

Protanopia

45.4690, 0.2513, 0.2449

Deuteranopia

45.0690, 0.2816, 0.2752



Tritanopia

44.9830, 0.3800, 0.3157

Trichromacy



Original Color

44.9402, 0.3350, 0.2486



Protanomaly

44.3926, 0.2772, 0.2446



Deuteranomaly

44.1357, 0.2993, 0.2627



Tritanomaly

44.8073, 0.3628, 0.2894

Monochromacy



Original Color

44.9402, 0.3350, 0.2486



Achromatopsia

47.9320, 0.3127, 0.3290



Achromatomaly

45.8058, 0.3205, 0.2951

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.9402, 0.3350, 0.2486 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, 223)` looks like.

```
.text, #text, p{  
    color:rgb(243, 146, 223)  
}
```

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, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 146, 223) }
```

Border

The CSS property to change the border of an element to Yxy 44.9402, 0.3350, 0.2486 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, 223) }
```

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

```
.border{ border-color:rgb(243, 146, 223) }
```

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, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 146, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 146, 223);  
box-shadow:4px 4px 4px 4px rgb(243, 146,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 44.9402, 0.3350, 0.2486 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, 223) }
```

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

```
.background{ background-color: rgb(243,  
146, 223) }
```

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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