

Converting Colors

$Y_{xy}(44.2362, 0.3488, 0.2637)$

Have a look what the booklet for
Yxy(44.2362, 0.3488, 0.2637)
contains.

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Color

Yxy(44.2987, 0.3481, 0.2639)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F293D0 |
| RGB | 242, 147, 208 |
| RGB Percent | 95%, 58%, 82% |
| CMY | 0.0510, 0.4235, 0.1844 |
| CMYK | 0.00, 0.39, 0.14, 0.05 |
| HSL | 321°, 79%, 76% |
| HSV | 321°, 39%, 95% |
| XYZ | 58.4327, 44.2987, 65.1303 |
| YIQ | 182.3590, 37.0390, 39.1110 |

Conversions

Conversions Part 2

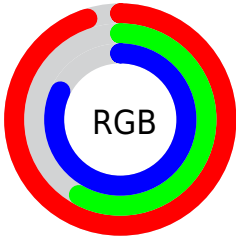
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 242, 147, 208 |
| Decimal | 15897552 |
| CIE Lab | 72.43, 44.00, -16.05 |
| CIE LCh | 72, 46.834, 339.954 |
| Yxy | 44.2987, 0.3481, 0.2639 |
| Android (android.graphics.Color) | 4294087632 (0xFFFF293D0) |
| YUV | 182.3590, 12.6410, 52.3052 |
| Hunter-Lab | 66.5573, 40.2354, -11.4288 |

Details

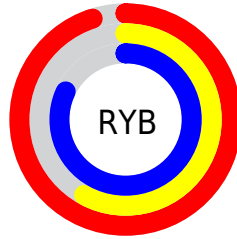
The Yxy color **44.2987, 0.3481, 0.2639** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **73.0421, 0.2892, 0.4052**, and the grayscale version is **46.9008, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.1919, 0.3151, 0.2782**, and **20.5288, 0.3562, 0.2470** is the 20% darker color. If you saturate the color by 10%, you get **37.1340, 0.3609, 0.2481**, and if you desaturate by 10%, it is **53.0737, 0.3369, 0.2807**.

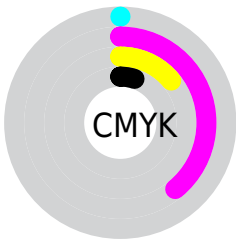
Distribution



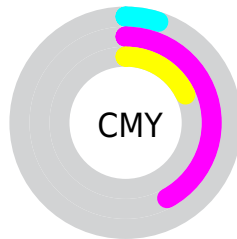
- Red (95%)
- Green (58%)
- Blue (82%)



- Red (95%)
- Yellow (58%)
- Blue (82%)



- Cyan (0%)
- Magenta (39%)
- Yellow (14%)
- Black (5%)




- Cyan (5%)
- Magenta (42%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.2987, 0.3481, 0.2639 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 44.2987, 0.3481, 0.2639 by changing the saturation by 10% instead.

 44.2987, 0.3481,
0.2639


 44.2987, 0.3481,
0.2639

363.9258, 0.3312,
0.2949

 30.9054, 0.3521,
0.2566


 81.6670, 0.3421,
0.2748

 20.5268, 0.3571,
0.2476


 106.4108, 0.3398,
0.2790

 12.7786, 0.3636,
0.2360

135.7070, 0.3378,
0.2826

 7.2762, 0.3722,
0.2206

169.9398, 0.3361,
0.2857

 3.6355, 0.3843,
0.1994

209.4937, 0.3347,
0.2884

 1.4718, 0.4021,
0.1685

254.7530, 0.3334,

 0.2688, 0.4486,

0.2908

0.0843

306.1023, 0.3322,
0.2930

0.0000, 0.5695,
0.0000

0.0000, 0.0000,
0.0000

44.2987, 0.3481,
0.2639

44.2987, 0.3481,
0.2639

37.1340, 0.3609,
0.2481

53.0737, 0.3369,
0.2807

31.4729, 0.3751,
0.2342

63.5446, 0.3273,
0.2977

27.2058, 0.3905,
0.2235

75.7982, 0.3191,
0.3143

24.2050, 0.4066,
0.2170

89.9134, 0.3122,
0.3302

■ 22.3193, 0.4227,
0.2157

■ 97.3808, 0.3068,
0.3326

■ 21.3151, 0.4384,
0.2192

■ 97.6161, 0.3047,
0.3290

■ 21.2536, 0.4395,
0.2195

Harmonies

Analogous

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



44.2987, 0.2811, 0.2355



44.2987, 0.3481, 0.2639



44.2987, 0.4103, 0.3064

Triad

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



44.2987, 0.3481, 0.2639



44.2987, 0.3942, 0.4424



44.2987, 0.1976, 0.2797

Complementary

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



44.2987, 0.3481, 0.2639



73.0421, 0.2892, 0.4052

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.



44.2987, 0.2213, 0.3428



44.2987, 0.3481, 0.2639



44.2987, 0.3332, 0.4486

Square

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



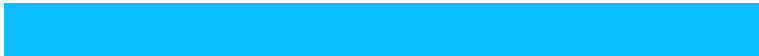
44.2987, 0.3481, 0.2639



44.2987, 0.4359, 0.4052



44.2987, 0.2699, 0.4102



44.2987, 0.2006, 0.2401

Rectangle

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



44.2987, 0.3481, 0.2639



44.2987, 0.4367, 0.3392



44.2987, 0.2699, 0.4102



44.2987, 0.2025, 0.2986

Sweetspot

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



44.3008, 0.3481, 0.2639



81.3207, 0.3213, 0.3098



37.0162, 0.2650, 0.2163



17.0101, 0.3223, 0.3076



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.



44.3008, 0.3481, 0.2639



43.3872, 0.3580, 0.2513



42.3302, 0.3963, 0.3135



15.9297, 0.3193, 0.3140



11.4454, 0.4371, 0.2181



0.9711, 0.4177, 0.2075

Inverse Universe

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



44.3008, 0.3481, 0.2639



43.3872, 0.3580, 0.2513



75.2921, 0.2652, 0.3458



15.9297, 0.3193, 0.3140



11.4454, 0.4371, 0.2181



0.9711, 0.4177, 0.2075

Previews

White Background



This preview shows how the Yxy color 44.2987, 0.3481, 0.2639 looks on a white background.

Color Contrast Check

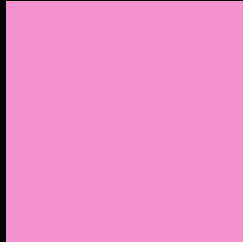
Large Text (above 18pt) WCAG AA × Fail

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 44.2987, 0.3481, 0.2639 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

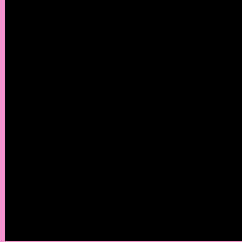
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.2987, 0.3481, 0.2639

Background



This preview shows how black text looks on a background with the Yxy color 44.2987, 0.3481, 0.2639.



This preview shows how white text looks on a background with the Yxy color 44.2987, 0.3481, 0.2639.

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

44.2987, 0.3481, 0.2639

Protanopia

44.6514, 0.2660, 0.2637

Deuteranopia

44.6512, 0.2974, 0.2922



Tritanopia

44.2372, 0.3827, 0.3157

Trichromacy



Original Color

44.2987, 0.3481, 0.2639



Protanomaly

43.4682, 0.2918, 0.2615



Deuteranomaly

43.7961, 0.3141, 0.2796



Tritanomaly

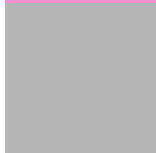
44.1846, 0.3701, 0.2959

Monochromacy



Original Color

44.2987, 0.3481, 0.2639



Achromatopsia

46.7784, 0.3127, 0.3290



Achromatomaly

44.9749, 0.3257, 0.3021

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.2987, 0.3481, 0.2639 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(242, 147, 208)` looks like.

```
.text, #text, p{  
    color:rgb(242, 147, 208)  
}
```

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(242, 147, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 147, 208) }
```

Border

The CSS property to change the border of an element to Yxy 44.2987, 0.3481, 0.2639 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(242, 147, 208) }
```

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

```
.border{ border-color:rgb(242, 147, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 147, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 147, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 147, 208);  
box-shadow:4px 4px 4px 4px rgb(242, 147,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 44.2987, 0.3481, 0.2639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 147, 208) }
```

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

```
.background{ background-color: rgb(242,  
147, 208) }
```

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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