

Converting Colors

$Y_{xy}(48.9597, 0.3592, 0.2915)$

Have a look what the booklet for
Yxy(48.9597, 0.3592, 0.2915)
contains.

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Color

Yxy(48.8877, 0.3599, 0.2915)

Conversions

Conversions Part 1

Format	Color
Hex	F5A1C4
RGB	245, 161, 196
RGB Percent	96%, 63%, 77%
CMY	0.0393, 0.3686, 0.2315
CMYK	0.00, 0.34, 0.20, 0.04
HSL	335°, 81%, 80%
HSV	335°, 34%, 96%
XYZ	60.3591, 48.8877, 58.4640
YIQ	190.1060, 38.8290, 28.6930

Conversions

Conversions Part 2

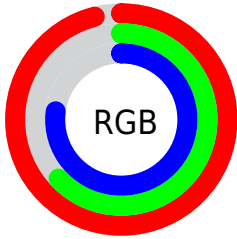
Format	Color
R _Y B	245, 161, 196
Decimal	16097732
CIE Lab	75.38, 35.89, -5.00
CIE LCh	75, 36.234, 352.063
Yxy	48.8877, 0.3599, 0.2915
Android (android.graphics.Color)	4294287812 (0xFF5A1C4)
YUV	190.1060, 2.9057, 48.1420
Hunter-Lab	69.9197, 31.7329, -0.6320

Details

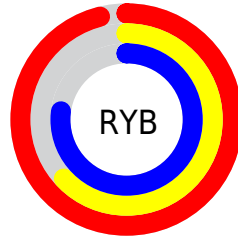
The Yxy color **48.8877, 0.3599, 0.2915** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **77.5307, 0.2817, 0.3703**, and the grayscale version is **51.5239, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.9776, 0.3158, 0.2939**, and **23.2429, 0.3729, 0.2819** is the 20% darker color. If you saturate the color by 10%, you get **40.5286, 0.3803, 0.2805**, and if you desaturate by 10%, it is **58.9908, 0.3428, 0.3028**.

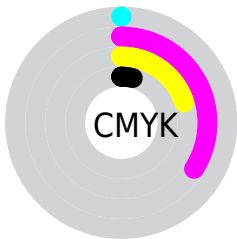
Distribution



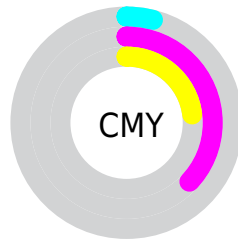
- Red (96%)
- Green (63%)
- Blue (77%)



- Red (96%)
- Yellow (63%)
- Blue (77%)



- Cyan (0%)
- Magenta (34%)
- Yellow (20%)
- Black (4%)




- Cyan (4%)
- Magenta (37%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.8877, 0.3599, 0.2915 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 48.8877, 0.3599, 0.2915 by changing the saturation by 10% instead.


 48.8877, 0.3599,
0.2915


 48.8877, 0.3599,
0.2915


382.3001, 0.3367,
0.3097

 34.5304, 0.3655,
0.2871


 88.5246, 0.3516,
0.2980

 23.3014, 0.3727,
0.2817


 114.5731, 0.3484,
0.3004

 14.8162, 0.3821,
0.2745


145.2873, 0.3458,
0.3025

 8.6905, 0.3950,
0.2649

181.0518, 0.3434,
0.3043

 4.5399, 0.4137,
0.2512

222.2510, 0.3414,
0.3059

 1.9799, 0.4431,
0.2301

269.2691, 0.3397,

 0.5958, 0.5003,

0.3073

0.1867

322.4907, 0.3381,
0.3086

■ 0.0000, 1.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 48.8877, 0.3599,
0.2915

■ 48.8877, 0.3599,
0.2915

■ 40.5286, 0.3803,
0.2805

■ 58.9908, 0.3428,
0.3028

■ 33.8066, 0.4041,
0.2707

■ 70.9232, 0.3287,
0.3140

■ 28.6136, 0.4311,
0.2632

■ 84.7726, 0.3170,
0.3247

■ 24.8252, 0.4605,
0.2594

■ 98.0331, 0.3076,
0.3308

■ 22.2975, 0.4908,
0.2604

■ 98.1503, 0.3066,
0.3290

■ 20.8546, 0.5198,
0.2668

■ 20.3694, 0.5354,
0.2723

Harmonies

Analogous

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



48.8877, 0.3093, 0.2637



48.8877, 0.3599, 0.2915



48.8877, 0.3989, 0.3284

Triad

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



48.8877, 0.3599, 0.2915



48.8877, 0.3585, 0.4192



48.8877, 0.2221, 0.2783

Complementary

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



48.8877, 0.3599, 0.2915



77.5307, 0.2817, 0.3703

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.



48.8877, 0.2329, 0.3201



48.8877, 0.3599, 0.2915



48.8877, 0.3098, 0.4086

Square

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



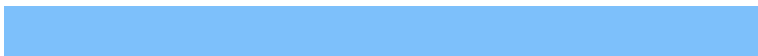
48.8877, 0.3599, 0.2915



48.8877, 0.3967, 0.4018



48.8877, 0.2641, 0.3701



48.8877, 0.2328, 0.2545

Rectangle

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



48.8877, 0.3599, 0.2915



48.8877, 0.4112, 0.3549



48.8877, 0.2641, 0.3701



48.8877, 0.2233, 0.2905

Sweetspot

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



48.8900, 0.3599, 0.2915



83.8739, 0.3234, 0.3186



45.7887, 0.2879, 0.2362



17.5046, 0.3251, 0.3171



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.



48.8900, 0.3599, 0.2915



47.1106, 0.3734, 0.2839



49.9944, 0.3915, 0.3369



16.5970, 0.3228, 0.3192



11.0008, 0.5313, 0.2700



0.9868, 0.4988, 0.2522

Inverse Universe

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



48.8900, 0.3599, 0.2915



47.1106, 0.3734, 0.2839



75.3138, 0.2631, 0.3209



16.5970, 0.3228, 0.3192



11.0008, 0.5313, 0.2700



0.9868, 0.4988, 0.2522

Previews

White Background



This preview shows how the Yxy color 48.8877, 0.3599, 0.2915 looks on a white background.

Color Contrast Check

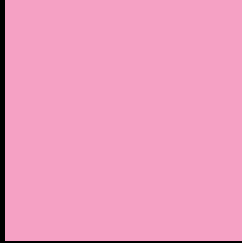
Large Text (above 18pt) WCAG AA × Fail

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 48.8877, 0.3599, 0.2915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

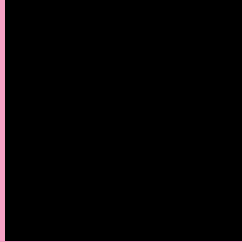
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.8877, 0.3599, 0.2915

Background



This preview shows how black text looks on a background with the Yxy color 48.8877, 0.3599, 0.2915.



This preview shows how white text looks on a background with the Yxy color 48.8877, 0.3599, 0.2915.

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

48.8877, 0.3599, 0.2915

Protanopia

49.3462, 0.2909, 0.2966

Deuteranopia

48.8658, 0.3211, 0.3143



Tritanopia

48.7799, 0.3756, 0.3149

Trichromacy



Original Color

48.8877, 0.3599, 0.2915



Protanomaly

48.4860, 0.3135, 0.2932



Deuteranomaly

48.4891, 0.3352, 0.3056



Tritanomaly

48.8882, 0.3700, 0.3063

Monochromacy



Original Color

48.8877, 0.3599, 0.2915



Achromatopsia

51.4918, 0.3127, 0.3290



Achromatomaly

49.7476, 0.3290, 0.3135

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.8877, 0.3599, 0.2915 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(245, 161, 196)` looks like.

```
.text, #text, p{  
    color:rgb(245, 161, 196)  
}
```

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(245, 161, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 161, 196) }
```

Border

The CSS property to change the border of an element to Yxy 48.8877, 0.3599, 0.2915 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(245, 161, 196) }
```

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

```
.border{ border-color:rgb(245, 161, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 161, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 161, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 161, 196);  
box-shadow:4px 4px 4px 4px rgb(245, 161,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 48.8877, 0.3599, 0.2915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 161, 196) }
```

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

```
.background{ background-color: rgb(245,  
161, 196) }
```

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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