

Converting Colors

$Y_{xy}(48.5626, 0.3583, 0.2836)$

Have a look what the booklet for
Yxy(48.5626, 0.3583, 0.2836)
contains.

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Color

Yxy(48.6272, 0.3585, 0.2835)

Conversions

Conversions Part 1

Format	Color
Hex	F89EC9
RGB	248, 158, 201
RGB Percent	97%, 62%, 79%
CMY	0.0273, 0.3805, 0.2117
CMYK	0.00, 0.36, 0.19, 0.03
HSL	331°, 87%, 80%
HSV	331°, 36%, 97%
XYZ	61.4915, 48.6272, 61.4058
YIQ	189.8120, 39.8370, 32.4530

Conversions

Conversions Part 2

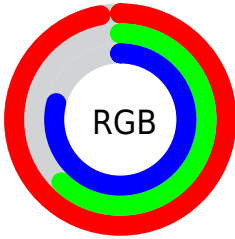
Format	Color
R _Y B	248, 158, 201
Decimal	16293577
CIE Lab	75.22, 39.26, -7.97
CIE LCh	75, 40.058, 348.531
Yxy	48.6272, 0.3585, 0.2835
Android (android.graphics.Color)	4294483657 (0xFFFF89EC9)
YUV	189.8120, 5.5157, 51.0309
Hunter-Lab	69.7332, 35.3702, -3.3964

Details

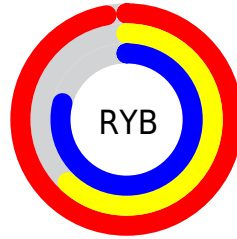
The Yxy color $48.6272, 0.3585, 0.2835$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $78.8356, 0.2830, 0.3801$, and the grayscale version is $51.3304, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.5731, 0.3146, 0.2891$, and $23.1569, 0.3707, 0.2720$ is the 20% darker color. If you saturate the color by 10%, you get $40.4213, 0.3771, 0.2711$, and if you desaturate by 10%, it is $58.5965, 0.3427, 0.2964$.

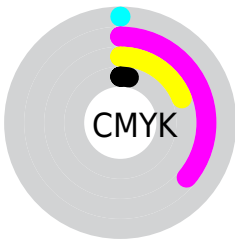
Distribution



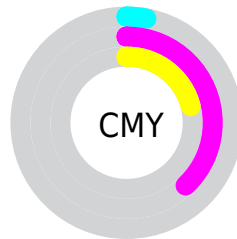
- Red (97%)
- Green (62%)
- Blue (79%)



- Red (97%)
- Yellow (62%)
- Blue (79%)



- Cyan (0%)
- Magenta (36%)
- Yellow (19%)
- Black (3%)




- Cyan (3%)
- Magenta (38%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.6272, 0.3585, 0.2835 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 48.6272, 0.3585, 0.2835 by changing the saturation by 10% instead.


 48.6272, 0.3585,
0.2835


 48.6272, 0.3585,
0.2835


381.2728, 0.3362,
0.3053

 34.3238, 0.3639,
0.2783


 88.1375, 0.3505,
0.2912

 23.1425, 0.3707,
0.2718


 114.1133, 0.3475,
0.2942

 14.6988, 0.3797,
0.2635


144.7486, 0.3449,
0.2967

 8.6082, 0.3918,
0.2523

180.4279, 0.3427,
0.2989

 4.4865, 0.4092,
0.2365

221.5356, 0.3407,
0.3008

 1.9493, 0.4363,
0.2129

268.4560, 0.3390,

 0.5778, 0.4881,

0.3025

0.1660

321.5737, 0.3375,
0.3040

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

48.6272, 0.3585,
0.2835

48.6272, 0.3585,
0.2835

40.4213, 0.3771,
0.2711

58.5965, 0.3427,
0.2964

33.8674, 0.3986,
0.2602

70.4184, 0.3295,
0.3093

28.8519, 0.4226,
0.2519

84.1840, 0.3186,
0.3216

25.2438, 0.4485,
0.2476

98.5644, 0.3097,
0.3311

■ 22.8899, 0.4749,
0.2484

■ 98.7037, 0.3084,
0.3290

■ 21.5996, 0.5003,
0.2548

■ 21.2835, 0.5094,
0.2580

Harmonies

Analogous

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



48.6272, 0.3021, 0.2549



48.6272, 0.3585, 0.2835



48.6272, 0.4045, 0.3227

Triad

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



48.6272, 0.3585, 0.2835



48.6272, 0.3686, 0.4280



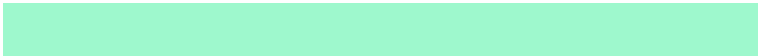
48.6272, 0.2135, 0.2770

Complementary

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



48.6272, 0.3585, 0.2835



78.8356, 0.2830, 0.3801

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.



48.6272, 0.2278, 0.3251



48.6272, 0.3585, 0.2835



48.6272, 0.3154, 0.4211

Square

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



48.6272, 0.3585, 0.2835



48.6272, 0.4088, 0.4049



48.6272, 0.2641, 0.3810



48.6272, 0.2224, 0.2488

Rectangle

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



48.6272, 0.3585, 0.2835



48.6272, 0.4205, 0.3515



48.6272, 0.2641, 0.3810



48.6272, 0.2157, 0.2912

Sweetspot

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



48.6295, 0.3585, 0.2835



82.4829, 0.3235, 0.3159



44.1382, 0.2811, 0.2289



17.2312, 0.3250, 0.3142



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.



48.6295, 0.3585, 0.2835



44.8486, 0.3727, 0.2738



47.3954, 0.4006, 0.3309



17.3633, 0.3219, 0.3177



11.5211, 0.5057, 0.2559



1.0883, 0.4778, 0.2406

Inverse Universe

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



48.6295, 0.3585, 0.2835



44.8486, 0.3727, 0.2738



80.2872, 0.2615, 0.3272



17.3633, 0.3219, 0.3177



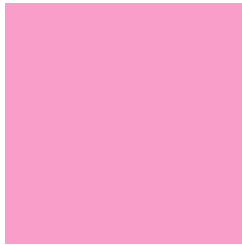
11.5211, 0.5057, 0.2559



1.0883, 0.4778, 0.2406

Previews

White Background



This preview shows how the Yxy color 48.6272, 0.3585, 0.2835 looks on a white background.

Color Contrast Check

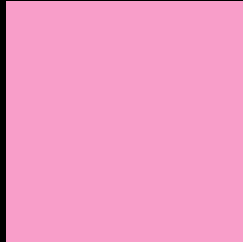
Large Text (above 18pt) WCAG AA × Fail

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 48.6272, 0.3585, 0.2835 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 48.6272, 0.3585, 0.2835

Background



This preview shows how black text looks on a background with the Yxy color 48.6272, 0.3585, 0.2835.



This preview shows how white text looks on a background with the Yxy color 48.6272, 0.3585, 0.2835.

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

48.6272, 0.3585, 0.2835

Protanopia

48.9266, 0.2837, 0.2869

Deuteranopia

48.6795, 0.3145, 0.3082



Tritanopia

48.7020, 0.3796, 0.3161

Trichromacy



Original Color

48.6272, 0.3585, 0.2835



Protanomaly

48.2508, 0.3080, 0.2851



Deuteranomaly

48.1812, 0.3301, 0.2986



Tritanomaly

48.5433, 0.3724, 0.3043

Monochromacy



Original Color

48.6272, 0.3585, 0.2835



Achromatopsia

51.4918, 0.3127, 0.3290



Achromatomaly

49.5847, 0.3284, 0.3100

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.6272, 0.3585, 0.2835 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, 158, 201)` looks like.

```
.text, #text, p{  
    color:rgb(248, 158, 201)  
}
```

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, 158, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 158, 201) }
```

Border

The CSS property to change the border of an element to Yxy 48.6272, 0.3585, 0.2835 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, 158, 201) }
```

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

```
.border{ border-color:rgb(248, 158, 201) }
```

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

Here you see how a box with a 4 pixel rgb(248, 158, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 158, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 158, 201);  
box-shadow:4px 4px 4px 4px rgb(248, 158,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 48.6272, 0.3585, 0.2835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 158, 201) }
```

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

```
.background{ background-color: rgb(248,  
158, 201) }
```

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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