

Converting Colors

$Y_{xy}(48.4127, 0.3588, 0.2797)$

Have a look what the booklet for
Yxy(48.4127, 0.3588, 0.2797)
contains.

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Color

Yxy(48.4127, 0.3588, 0.2797)

Conversions

Conversions Part 1

Format	Color
Hex	FA9CCB
RGB	250, 156, 203
RGB Percent	98%, 61%, 80%
CMY	0.0194, 0.3883, 0.2039
CMYK	0.00, 0.38, 0.19, 0.02
HSL	330°, 90%, 80%
HSV	330°, 38%, 98%
XYZ	62.1040, 48.4127, 62.5713
YIQ	189.4640, 40.9370, 34.5450

Conversions

Conversions Part 2

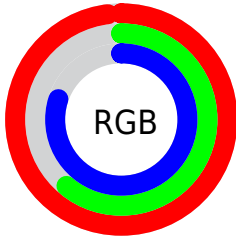
Format	Color
R _Y B	250, 156, 203
Decimal	16424139
CIE Lab	75.08, 41.27, -9.24
CIE LCh	75, 42.289, 347.385
Yxy	48.4127, 0.3588, 0.2797
Android (android.graphics.Color)	4294614219 (0xFFFA9CCB)
YUV	189.4640, 6.6732, 53.0901
Hunter-Lab	69.5792, 37.5591, -4.6129

Details

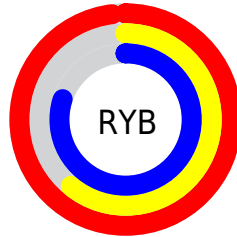
The Yxy color $48.4127, 0.3588, 0.2797$ is a light color, and the websafe version is hex $FF99CC$. A complement of this color would be $79.7780, 0.2831, 0.3849$, and the grayscale version is $51.1127, 0.3127, 0.3290$.

A 20% lighter version of the original color is $75.5670, 0.3147, 0.2871$, and $23.0769, 0.3710, 0.2674$ is the 20% darker color. If you saturate the color by 10%, you get $40.2982, 0.3769, 0.2669$, and if you desaturate by 10%, it is $58.3069, 0.3434, 0.2932$.

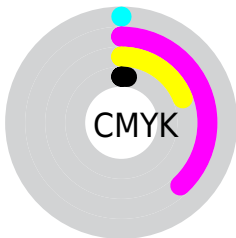
Distribution



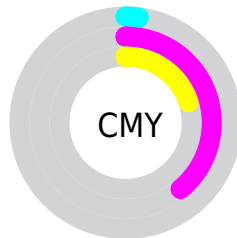
- Red (98%)
- Green (61%)
- Blue (80%)



- Red (98%)
- Yellow (61%)
- Blue (80%)



- Cyan (0%)
- Magenta (38%)
- Yellow (19%)
- Black (2%)




- Cyan (2%)
- Magenta (39%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.4127, 0.3588, 0.2797 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 48.4127, 0.3588, 0.2797 by changing the saturation by 10% instead.


 48.4127, 0.3588,
0.2797

 48.4127, 0.3588,
0.2797

380.4256, 0.3364,
0.3032

 34.1538, 0.3642,
0.2741


 87.8186, 0.3508,
0.2880

 23.0118, 0.3710,
0.2672


 113.7343, 0.3478,
0.2912

 14.6022, 0.3799,
0.2582


144.3045, 0.3452,
0.2939

 8.5407, 0.3920,
0.2463

179.9135, 0.3429,
0.2963

 4.4428, 0.4092,
0.2296

220.9458, 0.3410,
0.2984

 1.9242, 0.4357,
0.2049

267.7856, 0.3393,

 0.5629, 0.4865,

0.3002

0.1560

320.8174, 0.3378,
0.3018

0.0000, 0.9021,
0.0000

0.0000, 0.0000,
0.0000

48.4127, 0.3588,
0.2797

48.4127, 0.3588,
0.2797

40.2982, 0.3769,
0.2669

58.3069, 0.3434,
0.2932

33.8487, 0.3976,
0.2558

70.0726, 0.3304,
0.3066

28.9467, 0.4207,
0.2474

83.8035, 0.3197,
0.3196

25.4563, 0.4453,
0.2433

98.9455, 0.3108,
0.3309

■ 23.2175, 0.4703,
0.2443

■ 99.0722, 0.3097,
0.3290

■ 22.0192, 0.4943,
0.2508

■ 21.8126, 0.5000,
0.2528

Harmonies

Analogous

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



48.4127, 0.2991, 0.2503



48.4127, 0.3588, 0.2797



48.4127, 0.4084, 0.3204

Triad

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



48.4127, 0.3588, 0.2797



48.4127, 0.3733, 0.4332



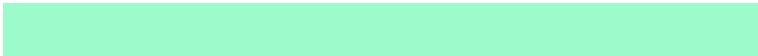
48.4127, 0.2086, 0.2755

Complementary

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



48.4127, 0.3588, 0.2797



79.7780, 0.2831, 0.3849

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.



48.4127, 0.2243, 0.3268



48.4127, 0.3588, 0.2797



48.4127, 0.3174, 0.4279

Square

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



48.4127, 0.3588, 0.2797



48.4127, 0.4151, 0.4073



48.4127, 0.2631, 0.3863



48.4127, 0.2170, 0.2452

Rectangle

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



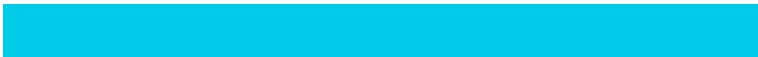
48.4127, 0.3588, 0.2797



48.4127, 0.4262, 0.3505



48.4127, 0.2631, 0.3863



48.4127, 0.2112, 0.2906

Sweetspot

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



48.4150, 0.3588, 0.2797



82.5200, 0.3231, 0.3153



43.3742, 0.2784, 0.2245



17.2400, 0.3245, 0.3135



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.



48.4150, 0.3588, 0.2797



44.1486, 0.3720, 0.2701



46.5028, 0.4059, 0.3293



17.3700, 0.3215, 0.3172



11.5945, 0.4963, 0.2508



1.0953, 0.4697, 0.2361

Inverse Universe

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



48.4150, 0.3588, 0.2797



44.1486, 0.3720, 0.2701



82.3699, 0.2602, 0.3288



17.3700, 0.3215, 0.3172



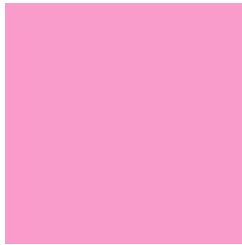
11.5945, 0.4963, 0.2508



1.0953, 0.4697, 0.2361

Previews

White Background



This preview shows how the Yxy color 48.4127, 0.3588, 0.2797 looks on a white background.

Color Contrast Check

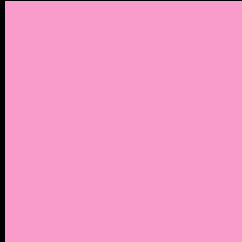
Large Text (above 18pt) WCAG AA × Fail

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 48.4127, 0.3588, 0.2797 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

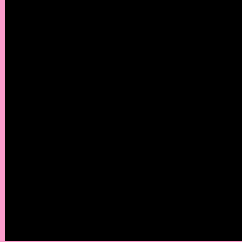
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.4127, 0.3588, 0.2797

Background



This preview shows how black text looks on a background with the Yxy color 48.4127, 0.3588, 0.2797.



This preview shows how white text looks on a background with the Yxy color 48.4127, 0.3588, 0.2797.

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

48.4127, 0.3588, 0.2797

Protanopia

48.9664, 0.2809, 0.2833

Deuteranopia

48.6364, 0.3121, 0.3057



Tritanopia

48.3199, 0.3831, 0.3151

Trichromacy



Original Color

48.4127, 0.3588, 0.2797



Protanomaly

47.9645, 0.3064, 0.2817



Deuteranomaly

47.8949, 0.3285, 0.2951



Tritanomaly

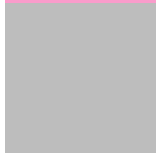
48.2555, 0.3737, 0.3013

Monochromacy



Original Color

48.4127, 0.3588, 0.2797



Achromatopsia

50.8881, 0.3127, 0.3290



Achromatomaly

49.1882, 0.3285, 0.3088

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.4127, 0.3588, 0.2797 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(250, 156, 203)` looks like.

```
.text, #text, p{  
    color:rgb(250, 156, 203)  
}
```

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(250, 156, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 156, 203) }
```

Border

The CSS property to change the border of an element to Yxy 48.4127, 0.3588, 0.2797 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(250, 156, 203) }
```

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

```
.border{ border-color:rgb(250, 156, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 156, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 156, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 156, 203);  
box-shadow:4px 4px 4px 4px rgb(250, 156,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 48.4127, 0.3588, 0.2797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 156, 203) }
```

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

```
.background{ background-color: rgb(250,  
156, 203) }
```

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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