

Converting Colors

Yxy(54.6347, 0.3713, 0.2884)

Have a look what the booklet for
Yxy(54.6347, 0.3713, 0.2884)
contains.

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Color

Yxy(52.2187, 0.3598, 0.2867)

Conversions

Conversions Part 1

Format	Color
Hex	FFA4CD
RGB	255, 164, 205
RGB Percent	100%, 64%, 80%
CMY	0.0000, 0.3568, 0.1961
CMYK	0.00, 0.36, 0.20, 0.00
HSL	333°, 100%, 82%
HSV	333°, 36%, 100%
XYZ	65.5329, 52.2187, 64.3855
YIQ	195.8830, 41.0750, 32.0430

Conversions

Conversions Part 2

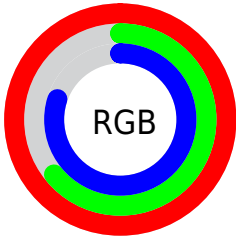
Format	Color
R _Y B	255, 164, 205
Decimal	16753869
CIE Lab	77.41, 39.08, -6.82
CIE LCh	77, 39.671, 350.107
Yxy	52.2187, 0.3598, 0.2867
Android (android.graphics.Color)	4294943949 (0xFFFFA4CD)
YUV	195.8830, 4.4947, 51.8456
Hunter-Lab	72.2625, 35.4175, -2.2433

Details

The Yxy color $52.2187, 0.3598, 0.2867$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $84.2634, 0.2821, 0.3761$, and the grayscale version is $55.0841, 0.3127, 0.3290$.

A 20% lighter version of the original color is $79.6664, 0.3143, 0.2950$, and $25.4736, 0.3721, 0.2764$ is the 20% darker color. If you saturate the color by 10%, you get $43.3439, 0.3793, 0.2749$, and if you desaturate by 10%, it is $62.9886, 0.3433, 0.2990$.

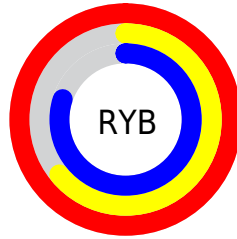
Distribution



Red (100%)

Green (64%)

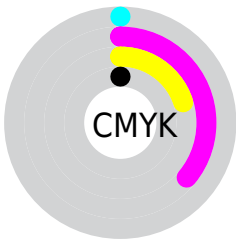
Blue (80%)



Red (100%)

Yellow (64%)

Blue (80%)

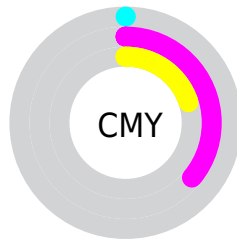


Cyan (0%)

Magenta (36%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.2187, 0.3598, 0.2867 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 52.2187, 0.3598, 0.2867 by changing the saturation by 10% instead.


 52.2187, 0.3598,
0.2867

 52.2187, 0.3598,
0.2867


395.2803, 0.3370,
0.3068

 37.1794, 0.3653,
0.2820


 93.4537, 0.3517,
0.2938

 25.3464, 0.3721,
0.2761


 120.4182, 0.3486,
0.2965

 16.3354, 0.3810,
0.2685


152.1266, 0.3460,
0.2988

 9.7618, 0.3931,
0.2584

188.9632, 0.3437,
0.3009

 5.2413, 0.4102,
0.2443

231.3125, 0.3417,
0.3026

 2.3895, 0.4364,
0.2234

279.5589, 0.3400,

 0.8205, 0.4811,

0.3042

0.1892

334.0867, 0.3384,
0.3056

0.0000, 0.8056,
0.0000

0.0000, 0.0000,
0.0000

52.2187, 0.3598,
0.2867

52.2187, 0.3598,
0.2867

43.3439, 0.3793,
0.2749

62.9886, 0.3433,
0.2990

36.2452, 0.4020,
0.2646

75.7484, 0.3296,
0.3111

30.8017, 0.4275,
0.2567

90.5957, 0.3182,
0.3227

26.8741, 0.4551,
0.2528

99.9985, 0.3127,
0.3290

■ 24.2996, 0.4833,
0.2539

■ 22.8773, 0.5103,
0.2605

■ 22.4939, 0.5214,
0.2646

Harmonies

Analogous

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



52.2187, 0.3053, 0.2582



52.2187, 0.3598, 0.2867



52.2187, 0.4031, 0.3253

Triad

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



52.2187, 0.3598, 0.2867



52.2187, 0.3645, 0.4252



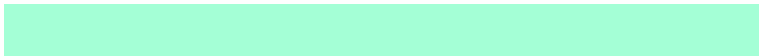
52.2187, 0.2164, 0.2769

Complementary

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



52.2187, 0.3598, 0.2867



84.2634, 0.2821, 0.3761

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.



52.2187, 0.2291, 0.3226



52.2187, 0.3598, 0.2867



52.2187, 0.3127, 0.4165

Square

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



52.2187, 0.3598, 0.2867



52.2187, 0.4043, 0.4044



52.2187, 0.2634, 0.3765



52.2187, 0.2262, 0.2505

Rectangle

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



52.2187, 0.3598, 0.2867



52.2187, 0.4176, 0.3533



52.2187, 0.2634, 0.3765



52.2187, 0.2181, 0.2903

Sweetspot

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



52.2211, 0.3598, 0.2867



82.4377, 0.3240, 0.3166



47.8507, 0.2829, 0.2309



17.2204, 0.3256, 0.3150



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.



52.2211, 0.3598, 0.2867



45.5471, 0.3738, 0.2780



51.5924, 0.3980, 0.3325



18.1232, 0.3223, 0.3183



11.7835, 0.5174, 0.2624



1.1690, 0.4894, 0.2470

Inverse Universe

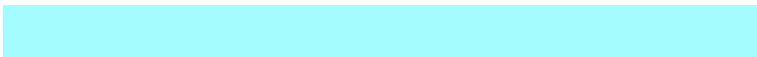
The Inverse Universe completely reimagines the original color for something new.



52.2211, 0.3598, 0.2867



45.5471, 0.3738, 0.2780



84.7083, 0.2619, 0.3255



18.1232, 0.3223, 0.3183



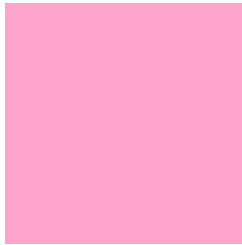
11.7835, 0.5174, 0.2624



1.1690, 0.4894, 0.2470

Previews

White Background



This preview shows how the Yxy color 52.2187, 0.3598, 0.2867 looks on a white background.

Color Contrast Check

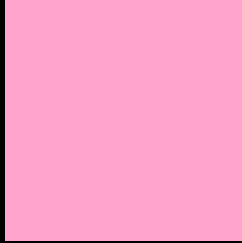
Large Text (above 18pt) WCAG AA × Fail

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 52.2187, 0.3598, 0.2867 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 52.2187, 0.3598, 0.2867

Background



This preview shows how black text looks on a background with the Yxy color 52.2187, 0.3598, 0.2867.



This preview shows how white text looks on a background with the Yxy color 52.2187, 0.3598, 0.2867.

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

52.2187, 0.3598, 0.2867

Protanopia

52.4865, 0.2873, 0.2916

Deuteranopia

52.4567, 0.3177, 0.3112



Tritanopia

52.0369, 0.3787, 0.3154

Trichromacy



Original Color

52.2187, 0.3598, 0.2867



Protanomaly

51.8029, 0.3112, 0.2897



Deuteranomaly

51.9524, 0.3330, 0.3018



Tritanomaly

52.2378, 0.3714, 0.3049

Monochromacy



Original Color

52.2187, 0.3598, 0.2867



Achromatopsia

55.2011, 0.3127, 0.3290



Achromatomaly

53.1562, 0.3287, 0.3117

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.2187, 0.3598, 0.2867 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(255, 164, 205)` looks like.

```
.text, #text, p{  
    color:rgb(255, 164, 205)  
}
```

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(255, 164, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 164, 205) }
```

Border

The CSS property to change the border of an element to Yxy 52.2187, 0.3598, 0.2867 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(255, 164, 205) }
```

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

```
.border{ border-color:rgb(255, 164, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 164, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 164, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 164, 205);  
box-shadow:4px 4px 4px 4px rgb(255, 164,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 52.2187, 0.3598, 0.2867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 164, 205) }
```

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

```
.background{ background-color: rgb(255,  
164, 205) }
```

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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