

Converting Colors

$Y_{xy}(53.2803, 0.3629, 0.2832)$

Have a look what the booklet for
Yxy(53.2803, 0.3629, 0.2832)
contains.

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Color

Yxy(52.0085, 0.3572, 0.2827)

Conversions

Conversions Part 1

Format	Color
Hex	FFA3D0
RGB	255, 163, 208
RGB Percent	100%, 64%, 82%
CMY	0.0001, 0.3607, 0.1843
CMYK	0.00, 0.36, 0.18, 0.00
HSL	331°, 100%, 82%
HSV	331°, 36%, 100%
XYZ	65.7143, 52.0085, 66.2478
YIQ	195.6380, 40.3870, 33.4990

Conversions

Conversions Part 2

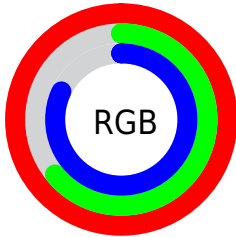
Format	Color
R _Y B	255, 163, 208
Decimal	16753616
CIE Lab	77.29, 40.03, -8.64
CIE LCh	77, 40.950, 347.827
Yxy	52.0085, 0.3572, 0.2827
Android (android.graphics.Color)	4294943696 (0xFFFFA3D0)
YUV	195.6380, 6.0945, 52.0605
Hunter-Lab	72.1169, 36.4480, -3.9830

Details

The Yxy color $52.0085, 0.3572, 0.2827$ is a light color, and the websafe version is hex FF99CC . A complement of this color would be $83.9440, 0.2836, 0.3810$, and the grayscale version is $54.9205, 0.3127, 0.3290$.

A 20% lighter version of the original color is $79.1430, 0.3144, 0.2940$, and $25.3553, 0.3685, 0.2714$ is the 20% darker color. If you saturate the color by 10%, you get $43.2345, 0.3753, 0.2700$, and if you desaturate by 10%, it is $62.6652, 0.3418, 0.2959$.

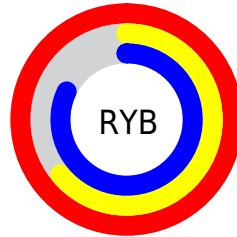
Distribution



Red (100%)

Green (64%)

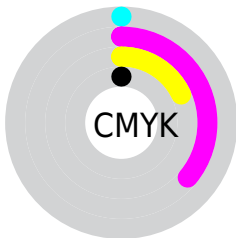
Blue (82%)



Red (100%)

Yellow (64%)

Blue (82%)

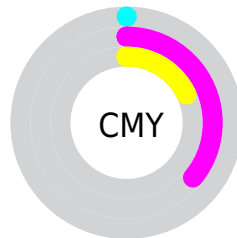


Cyan (0%)

Magenta (36%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (36%)

Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.0085, 0.3572, 0.2827 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 52.0085, 0.3572, 0.2827 by changing the saturation by 10% instead.


 52.0085, 0.3572,
0.2827


 52.0085, 0.3572,
0.2827


394.4694, 0.3358,
0.3046

 37.0119, 0.3623,
0.2776


 93.1438, 0.3496,
0.2904

 25.2167, 0.3687,
0.2712


 120.0512, 0.3467,
0.2934

 16.2386, 0.3770,
0.2630


151.6977, 0.3442,
0.2959

 9.6931, 0.3882,
0.2522

188.4675, 0.3421,
0.2981

 5.1960, 0.4040,
0.2372

230.7453, 0.3402,
0.3000

 2.3627, 0.4280,
0.2152

278.9152, 0.3386,

 0.8066, 0.4686,

0.3017

0.1796

333.3618, 0.3371,
0.3032

0.0000, 0.7143,
0.0000

0.0000, 0.0000,
0.0000

52.0085, 0.3572,
0.2827

52.0085, 0.3572,
0.2827

43.2345, 0.3753,
0.2700

62.6652, 0.3418,
0.2959

36.2244, 0.3962,
0.2588

75.2996, 0.3289,
0.3091

30.8569, 0.4196,
0.2502

90.0090, 0.3183,
0.3217

26.9925, 0.4448,
0.2456

99.9947, 0.3127,
0.3290

■ 24.4678, 0.4705,
0.2460

■ 23.0802, 0.4954,
0.2521

■ 22.7281, 0.5048,
0.2555

Harmonies

Analogous

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



52.0085, 0.3008, 0.2544



52.0085, 0.3572, 0.2827



52.0085, 0.4036, 0.3217

Triad

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



52.0085, 0.3572, 0.2827



52.0085, 0.3697, 0.4278



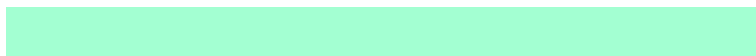
52.0085, 0.2136, 0.2780

Complementary

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



52.0085, 0.3572, 0.2827



83.9440, 0.2836, 0.3810

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.



52.0085, 0.2285, 0.3264



52.0085, 0.3572, 0.2827



52.0085, 0.3167, 0.4217

Square

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



52.0085, 0.3572, 0.2827



52.0085, 0.4094, 0.4041



52.0085, 0.2652, 0.3822



52.0085, 0.2220, 0.2493

Rectangle

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



52.0085, 0.3572, 0.2827



52.0085, 0.4202, 0.3505



52.0085, 0.2652, 0.3822



52.0085, 0.2160, 0.2923

Sweetspot

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



52.0109, 0.3572, 0.2827



82.5020, 0.3233, 0.3155



46.9753, 0.2801, 0.2291



17.2357, 0.3247, 0.3138



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.



52.0109, 0.3572, 0.2827



45.7407, 0.3695, 0.2738



50.1021, 0.4005, 0.3293



18.1352, 0.3217, 0.3174



11.9089, 0.5011, 0.2534



1.1815, 0.4750, 0.2390

Inverse Universe

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



52.0109, 0.3572, 0.2827



45.7407, 0.3695, 0.2738



86.5093, 0.2619, 0.3289



18.1352, 0.3217, 0.3174



11.9089, 0.5011, 0.2534



1.1815, 0.4750, 0.2390

Previews

White Background



This preview shows how the Yxy color 52.0085, 0.3572, 0.2827 looks on a white background.

Color Contrast Check

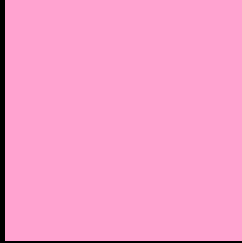
Large Text (above 18pt) WCAG AA × Fail

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 52.0085, 0.3572, 0.2827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

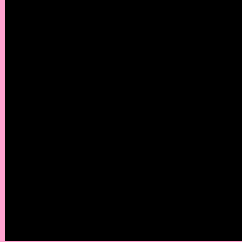
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.0085, 0.3572, 0.2827

Background



This preview shows how black text looks on a background with the Yxy color 52.0085, 0.3572, 0.2827.



This preview shows how white text looks on a background with the Yxy color 52.0085, 0.3572, 0.2827.

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

52.0085, 0.3572, 0.2827

Protanopia

52.4535, 0.2831, 0.2869

Deuteranopia

52.3148, 0.3137, 0.3076



Tritanopia

52.0369, 0.3787, 0.3154

Trichromacy



Original Color

52.0085, 0.3572, 0.2827



Protanomaly

51.4586, 0.3074, 0.2841



Deuteranomaly

51.9365, 0.3296, 0.2984



Tritanomaly

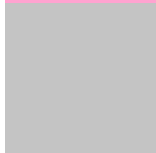
51.9167, 0.3707, 0.3029

Monochromacy



Original Color

52.0085, 0.3572, 0.2827



Achromatopsia

55.2011, 0.3127, 0.3290



Achromatomaly

53.2028, 0.3279, 0.3105

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.0085, 0.3572, 0.2827 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, 163, 208)` looks like.

```
.text, #text, p{  
    color:rgb(255, 163, 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(255, 163, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 163, 208) }
```

Border

The CSS property to change the border of an element to Yxy 52.0085, 0.3572, 0.2827 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, 163, 208) }
```

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

```
.border{ border-color:rgb(255, 163, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 163, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 163, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 163, 208);  
box-shadow:4px 4px 4px 4px rgb(255, 163,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 52.0085, 0.3572, 0.2827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 163, 208) }
```

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

```
.background{ background-color: rgb(255,  
163, 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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