

Converting Colors

$Y_{xy}(52.2672, 0.3589, 0.2857)$

Have a look what the booklet for
Yxy(52.2672, 0.3589, 0.2857)
contains.

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Color

Yxy(52.2672, 0.3589, 0.2857)

Conversions

Conversions Part 1

Format	Color
Hex	FFA4CE
RGB	255, 164, 206
RGB Percent	100%, 64%, 81%
CMY	0.0000, 0.3569, 0.1922
CMYK	0.00, 0.36, 0.19, 0.00
HSL	332°, 100%, 82%
HSV	332°, 36%, 100%
XYZ	65.6587, 52.2672, 65.0184
YIQ	195.9970, 40.7540, 32.3540

Conversions

Conversions Part 2

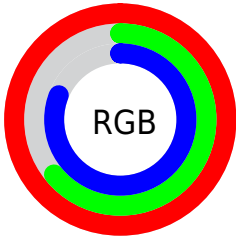
Format	Color
R _Y B	255, 164, 206
Decimal	16753870
CIE Lab	77.44, 39.24, -7.31
CIE LCh	77, 39.915, 349.441
Yxy	52.2672, 0.3589, 0.2857
Android (android.graphics.Color)	4294943950 (0xFFFFA4CE)
YUV	195.9970, 4.9315, 51.7456
Hunter-Lab	72.2961, 35.5942, -2.7144

Details

The Yxy color $52.2672, 0.3589, 0.2857$ is a light color, and the websafe version is hex FF99CC . A complement of this color would be $84.2169, 0.2826, 0.3773$, and the grayscale version is $55.1510, 0.3127, 0.3290$.

A 20% lighter version of the original color is $79.6664, 0.3143, 0.2950$, and $25.5062, 0.3708, 0.2751$ is the 20% darker color. If you saturate the color by 10%, you get $43.3987, 0.3780, 0.2737$, and if you desaturate by 10%, it is $63.0241, 0.3427, 0.2982$.

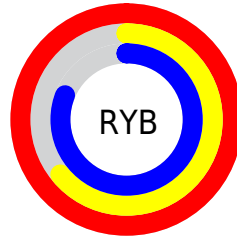
Distribution



Red (100%)

Green (64%)

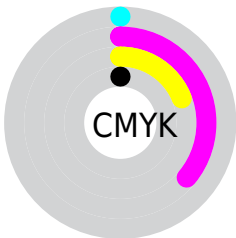
Blue (81%)



Red (100%)

Yellow (64%)

Blue (81%)

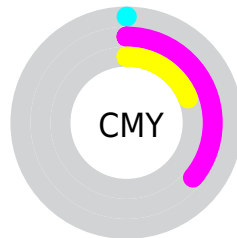


Cyan (0%)

Magenta (36%)

Yellow (19%)

Black (0%)



Cyan (0%)

Magenta (36%)

Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.2672, 0.3589, 0.2857 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 52.2672, 0.3589, 0.2857 by changing the saturation by 10% instead.

 52.2672, 0.3589,
0.2857


 52.2672, 0.3589,
0.2857

395.4673, 0.3366,
0.3063

 37.2181, 0.3642,
0.2809


 93.5252, 0.3510,
0.2929

 25.3764, 0.3709,
0.2749


 120.5029, 0.3480,
0.2957

 16.3577, 0.3796,
0.2671


152.2255, 0.3454,
0.2981

 9.7776, 0.3914,
0.2569

189.0775, 0.3431,
0.3002

 5.2518, 0.4081,
0.2426

231.4433, 0.3412,
0.3020

 2.3957, 0.4335,
0.2215

279.7073, 0.3395,

 0.8237, 0.4768,

0.3036

0.1871

334.2538, 0.3380,
0.3050

0.0000, 0.7725,
0.0000

0.0000, 0.0000,
0.0000

52.2672, 0.3589,
0.2857

52.2672, 0.3589,
0.2857

43.3987, 0.3780,
0.2737

63.0241, 0.3427,
0.2982

36.3064, 0.4001,
0.2630

75.7710, 0.3293,
0.3106

30.8673, 0.4250,
0.2549

90.6029, 0.3181,
0.3225

26.9421, 0.4519,
0.2507

100.0000, 0.3127,
0.3290

■ 24.3682, 0.4794,
0.2516

■ 22.9447, 0.5058,
0.2581

■ 22.5605, 0.5167,
0.2620

Harmonies

Analogous

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



52.2672, 0.3041, 0.2573



52.2672, 0.3589, 0.2857



52.2672, 0.4030, 0.3243

Triad

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



52.2672, 0.3589, 0.2857



52.2672, 0.3658, 0.4256



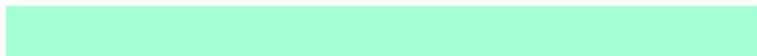
52.2672, 0.2159, 0.2774

Complementary

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



52.2672, 0.3589, 0.2857



84.2169, 0.2826, 0.3773

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.



52.2672, 0.2292, 0.3237



52.2672, 0.3589, 0.2857



52.2672, 0.3139, 0.4176

Square

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



52.2672, 0.3589, 0.2857



52.2672, 0.4054, 0.4041



52.2672, 0.2641, 0.3779



52.2672, 0.2253, 0.2504

Rectangle

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



52.2672, 0.3589, 0.2857



52.2672, 0.4180, 0.3525



52.2672, 0.2641, 0.3779



52.2672, 0.2178, 0.2910

Sweetspot

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



52.2674, 0.3589, 0.2857



82.4559, 0.3238, 0.3163



47.8479, 0.2829, 0.2309



17.2247, 0.3253, 0.3147



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.



52.2674, 0.3589, 0.2857



45.6014, 0.3726, 0.2768



51.5904, 0.3980, 0.3325



18.1266, 0.3221, 0.3181



11.8178, 0.5128, 0.2598



1.1724, 0.4853, 0.2447

Inverse Universe

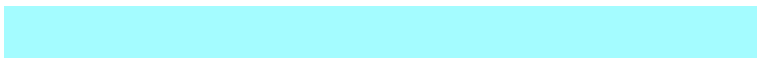
The Inverse Universe completely reimagines the original color for something new.



52.2674, 0.3589, 0.2857



45.6014, 0.3726, 0.2768



84.7125, 0.2619, 0.3255



18.1266, 0.3221, 0.3181



11.8178, 0.5128, 0.2598



1.1724, 0.4853, 0.2447

Previews

White Background



This preview shows how the Yxy color 52.2672, 0.3589, 0.2857 looks on a white background.

Color Contrast Check

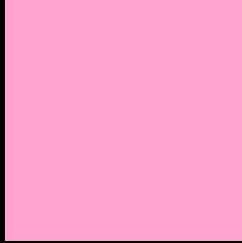
Large Text (above 18pt) WCAG AA × Fail

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 52.2672, 0.3589, 0.2857 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

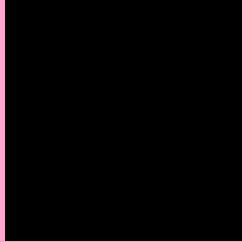
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.2672, 0.3589, 0.2857

Background



This preview shows how black text looks on a background with the Yxy color 52.2672, 0.3589, 0.2857.



This preview shows how white text looks on a background with the Yxy color 52.2672, 0.3589, 0.2857.

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

52.2672, 0.3589, 0.2857

Protanopia

52.5937, 0.2859, 0.2893

Deuteranopia

52.5039, 0.3169, 0.3100



Tritanopia

52.0369, 0.3787, 0.3154

Trichromacy



Original Color

52.2672, 0.3589, 0.2857



Protanomaly

51.9064, 0.3097, 0.2875



Deuteranomaly

51.9999, 0.3321, 0.3007



Tritanomaly

52.2378, 0.3714, 0.3049

Monochromacy



Original Color

52.2672, 0.3589, 0.2857



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 52.2672, 0.3589, 0.2857 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, 206)` looks like.

```
.text, #text, p{  
    color:rgb(255, 164, 206)  
}
```

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, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 164, 206) }
```

Border

The CSS property to change the border of an element to Yxy 52.2672, 0.3589, 0.2857 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, 206) }
```

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

```
.border{ border-color:rgb(255, 164, 206) }
```

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, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 164, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 164, 206);  
box-shadow:4px 4px 4px 4px rgb(255, 164,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 52.2672, 0.3589, 0.2857 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, 206) }
```

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

```
.background{ background-color: rgb(255,  
164, 206) }
```

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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