

Converting Colors

Yxy(51.8899, 0.3665, 0.2899)

Have a look what the booklet for
Yxy(51.8899, 0.3665, 0.2899)
contains.

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Color

Yxy(51.2708, 0.3649, 0.2897)

Conversions

Conversions Part 1

Format	Color
Hex	FFA2C8
RGB	255, 162, 200
RGB Percent	100%, 64%, 78%
CMY	0.0001, 0.3646, 0.2157
CMYK	0.00, 0.36, 0.22, 0.00
HSL	335°, 100%, 82%
HSV	335°, 36%, 100%
XYZ	64.5796, 51.2708, 61.1285
YIQ	194.1390, 43.2300, 31.5340

Conversions

Conversions Part 2

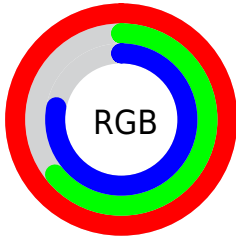
Format	Color
R _Y B	255, 162, 200
Decimal	16753352
CIE Lab	76.84, 39.38, -4.92
CIE LCh	77, 39.686, 352.884
Yxy	51.2708, 0.3649, 0.2897
Android (android.graphics.Color)	4294943432 (0xFFFFA2C8)
YUV	194.1390, 2.8895, 53.3751
Hunter-Lab	71.6036, 35.6835, -0.4938

Details

The Yxy color **51.2708, 0.3649, 0.2897** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **84.2026, 0.2796, 0.3726**, and the grayscale version is **54.0003, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.6228, 0.3144, 0.2930**, and **24.8829, 0.3794, 0.2803** is the 20% darker color. If you saturate the color by 10%, you get **42.5105, 0.3864, 0.2791**, and if you desaturate by 10%, it is **61.9267, 0.3468, 0.3008**.

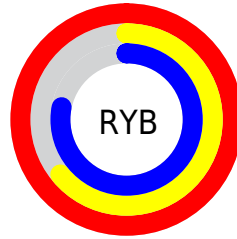
Distribution



Red (100%)

Green (64%)

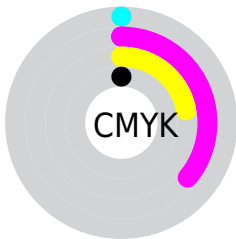
Blue (78%)



Red (100%)

Yellow (64%)

Blue (78%)

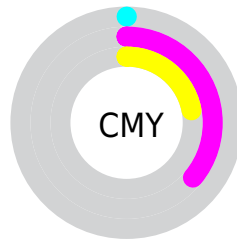


Cyan (0%)

Magenta (36%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.2708, 0.3649, 0.2897 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 51.2708, 0.3649, 0.2897 by changing the saturation by 10% instead.


 51.2708, 0.3649,
0.2897

 51.2708, 0.3649,
0.2897


391.6150, 0.3395,
0.3086

 36.4242, 0.3710,
0.2852

 92.0549, 0.3558,
0.2964

 24.7620, 0.3788,
0.2796


 118.7612, 0.3524,
0.2989

 15.8998, 0.3889,
0.2723


150.1895, 0.3494,
0.3011

 9.4533, 0.4027,
0.2626

186.7242, 0.3469,
0.3030

 5.0380, 0.4224,
0.2489

228.7497, 0.3447,
0.3047

 2.2696, 0.4529,
0.2282

276.6504, 0.3427,

 0.7575, 0.5064,

0.3061

0.1926

330.8107, 0.3410,
0.3074

■ 0.0000, 1.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 51.2708, 0.3649,
0.2897

■ 51.2708, 0.3649,
0.2897

■ 42.5105, 0.3864,
0.2791

■ 61.9267, 0.3468,
0.3008

■ 35.5257, 0.4115,
0.2699

■ 74.5743, 0.3318,
0.3119

■ 30.1941, 0.4396,
0.2633

■ 89.3119, 0.3195,
0.3225

■ 26.3743, 0.4700,
0.2606

99.9967, 0.3127,
0.3290

■ 23.9008, 0.5007,
0.2630

■ 22.5673, 0.5295,
0.2708

■ 22.2592, 0.5392,
0.2744

Harmonies

Analogous

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



51.2708, 0.3103, 0.2598



51.2708, 0.3649, 0.2897



51.2708, 0.4066, 0.3291

Triad

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



51.2708, 0.3649, 0.2897



51.2708, 0.3602, 0.4265



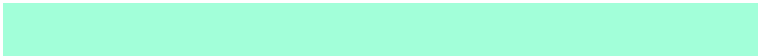
51.2708, 0.2158, 0.2732

Complementary

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



51.2708, 0.3649, 0.2897



84.2026, 0.2796, 0.3726

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.



51.2708, 0.2265, 0.3177



51.2708, 0.3649, 0.2897



51.2708, 0.3078, 0.4146

Square

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



51.2708, 0.3649, 0.2897



51.2708, 0.4020, 0.4077



51.2708, 0.2591, 0.3720



51.2708, 0.2277, 0.2486

Rectangle

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



51.2708, 0.3649, 0.2897



51.2708, 0.4192, 0.3573



51.2708, 0.2591, 0.3720



51.2708, 0.2168, 0.2860

Sweetspot

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



51.2732, 0.3649, 0.2897



82.3678, 0.3248, 0.3178



47.7024, 0.2858, 0.2296



17.2038, 0.3265, 0.3163



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.



51.2732, 0.3649, 0.2897



44.5029, 0.3808, 0.2816



52.5273, 0.3988, 0.3374



18.1101, 0.3230, 0.3193



11.6605, 0.5350, 0.2721



1.1564, 0.5051, 0.2556

Inverse Universe

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



51.2732, 0.3649, 0.2897



44.5029, 0.3808, 0.2816



81.5678, 0.2602, 0.3203



18.1101, 0.3230, 0.3193



11.6605, 0.5350, 0.2721



1.1564, 0.5051, 0.2556

Previews

White Background



This preview shows how the Yxy color 51.2708, 0.3649, 0.2897 looks on a white background.

Color Contrast Check

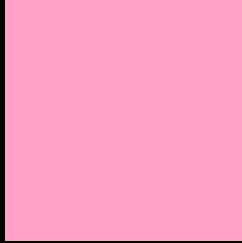
Large Text (above 18pt) WCAG AA × Fail

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 51.2708, 0.3649, 0.2897 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

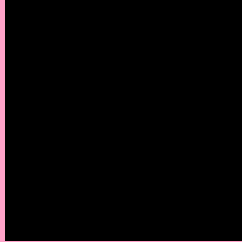
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.2708, 0.3649, 0.2897

Background



This preview shows how black text looks on a background with the Yxy color 51.2708, 0.3649, 0.2897.



This preview shows how white text looks on a background with the Yxy color 51.2708, 0.3649, 0.2897.

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

51.2708, 0.3649, 0.2897

Protanopia

51.8440, 0.2900, 0.2949

Deuteranopia

51.3883, 0.3218, 0.3146



Tritanopia

51.3694, 0.3831, 0.3165

Trichromacy



Original Color

51.2708, 0.3649, 0.2897



Protanomaly

50.7922, 0.3145, 0.2918



Deuteranomaly

50.9292, 0.3375, 0.3050



Tritanomaly

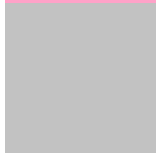
51.5263, 0.3766, 0.3071

Monochromacy



Original Color

51.2708, 0.3649, 0.2897



Achromatopsia

53.9479, 0.3127, 0.3290



Achromatomaly

52.0403, 0.3306, 0.3127

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.2708, 0.3649, 0.2897 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, 162, 200)` looks like.

```
.text, #text, p{  
    color:rgb(255, 162, 200)  
}
```

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, 162, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 162, 200) }
```

Border

The CSS property to change the border of an element to Yxy 51.2708, 0.3649, 0.2897 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, 162, 200) }
```

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

```
.border{ border-color:rgb(255, 162, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 162, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 162, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 162, 200);  
box-shadow:4px 4px 4px 4px rgb(255, 162,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 51.2708, 0.3649, 0.2897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 162, 200) }
```

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

```
.background{ background-color: rgb(255,  
162, 200) }
```

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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