

Converting Colors

$Y_{xy}(74.2956, 0.4391, 0.3004)$

Have a look what the booklet for
Yxy(74.2956, 0.4391, 0.3004)
contains.

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Color

Yxy(51.7187, 0.3628, 0.2887)

Conversions

Conversions Part 1

Format	Color
Hex	FFA3CA
RGB	255, 163, 202
RGB Percent	100%, 64%, 79%
CMY	0.0001, 0.3607, 0.2079
CMYK	0.00, 0.36, 0.21, 0.00
HSL	335°, 100%, 82%
HSV	335°, 36%, 100%
XYZ	64.9932, 51.7187, 62.4315
YIQ	194.9540, 42.3130, 31.6330

Conversions

Conversions Part 2

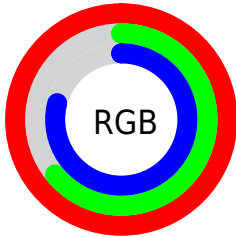
Format	Color
R _Y B	255, 163, 202
Decimal	16753610
CIE Lab	77.11, 39.15, -5.62
CIE LCh	77, 39.555, 351.838
Yxy	51.7187, 0.3628, 0.2887
Android (android.graphics.Color)	4294943690 (0xFFFFA3CA)
YUV	194.9540, 3.4737, 52.6603
Hunter-Lab	71.9157, 35.4654, -1.1298

Details

The Yxy color **51.7187, 0.3628, 0.2887** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **84.2567, 0.2806, 0.3738**, and the grayscale version is **54.5062, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.1430, 0.3144, 0.2940**, and **25.1603, 0.3764, 0.2790** is the 20% darker color. If you saturate the color by 10%, you get **42.8968, 0.3835, 0.2777**, and if you desaturate by 10%, it is **62.4371, 0.3453, 0.3003**.

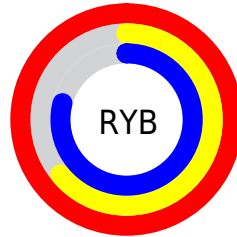
Distribution



Red (100%)

Green (64%)

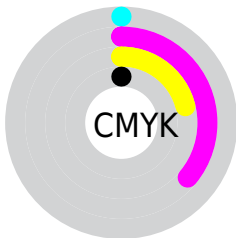
Blue (79%)



Red (100%)

Yellow (64%)

Blue (79%)

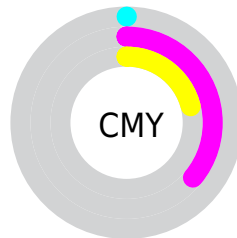


Cyan (0%)

Magenta (36%)

Yellow (21%)

Black (0%)



Cyan (0%)


Magenta (36%)

Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.7187, 0.3628, 0.2887 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 51.7187, 0.3628, 0.2887 by changing the saturation by 10% instead.

 51.7187, 0.3628,
0.2887

 51.7187, 0.3628,
0.2887


393.3497, 0.3385,
0.3080

 36.7809, 0.3687,
0.2841


 92.7163, 0.3541,
0.2955

 25.0379, 0.3760,
0.2784


 119.5448, 0.3508,
0.2981

 16.1053, 0.3857,
0.2711

151.1057, 0.3480,
0.3004

 9.5987, 0.3987,
0.2612

187.7834, 0.3456,
0.3023

 5.1337, 0.4174,
0.2474

229.9622, 0.3435,
0.3040

 2.3259, 0.4460,
0.2268

278.0266, 0.3416,

 0.7874, 0.4958,

0.3055

0.1921

332.3610, 0.3400,
0.3068

■ 0.0000, 0.9361,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 51.7187, 0.3628,
0.2887

■ 51.7187, 0.3628,
0.2887

■ 42.8968, 0.3835,
0.2777

■ 62.4371, 0.3453,
0.3003

■ 35.8518, 0.4077,
0.2680

■ 75.1475, 0.3308,
0.3117

■ 30.4621, 0.4349,
0.2609

■ 89.9479, 0.3189,
0.3227

■ 26.5872, 0.4642,
0.2577

99.9972, 0.3127,
0.3290

■ 24.0630, 0.4940,
0.2596

■ 22.6863, 0.5222,
0.2670

■ 22.3415, 0.5327,
0.2708

Harmonies

Analogous

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



51.7187, 0.3085, 0.2594



51.7187, 0.3628, 0.2887



51.7187, 0.4050, 0.3277

Triad

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



51.7187, 0.3628, 0.2887



51.7187, 0.3617, 0.4257



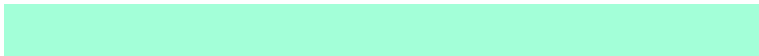
51.7187, 0.2163, 0.2748

Complementary

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



51.7187, 0.3628, 0.2887



84.2567, 0.2806, 0.3738

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.



51.7187, 0.2278, 0.3196



51.7187, 0.3628, 0.2887



51.7187, 0.3097, 0.4150

Square

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



51.7187, 0.3628, 0.2887



51.7187, 0.4026, 0.4062



51.7187, 0.2609, 0.3735



51.7187, 0.2274, 0.2496

Rectangle

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



51.7187, 0.3628, 0.2887



51.7187, 0.4182, 0.3557



51.7187, 0.2609, 0.3735



51.7187, 0.2176, 0.2878

Sweetspot

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



51.7211, 0.3628, 0.2887



82.3933, 0.3245, 0.3173



47.8859, 0.2849, 0.2304



17.2099, 0.3261, 0.3158



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.



51.7211, 0.3628, 0.2887



45.4159, 0.3768, 0.2809



52.3326, 0.3981, 0.3357



18.1149, 0.3227, 0.3190



11.7038, 0.5286, 0.2685



1.1609, 0.4994, 0.2525

Inverse Universe

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



51.7211, 0.3628, 0.2887



45.4159, 0.3768, 0.2809



82.6682, 0.2610, 0.3221



18.1149, 0.3227, 0.3190



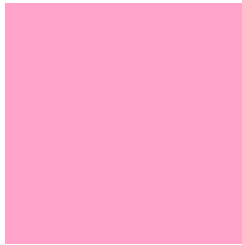
11.7038, 0.5286, 0.2685



1.1609, 0.4994, 0.2525

Previews

White Background



This preview shows how the Yxy color 51.7187, 0.3628, 0.2887 looks on a white background.

Color Contrast Check

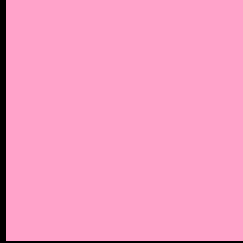
Large Text (above 18pt) WCAG AA × Fail

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 51.7187, 0.3628, 0.2887 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

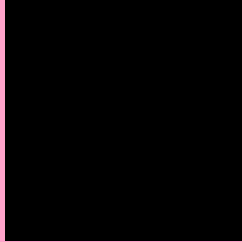
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.7187, 0.3628, 0.2887

Background



This preview shows how black text looks on a background with the Yxy color 51.7187, 0.3628, 0.2887.



This preview shows how white text looks on a background with the Yxy color 51.7187, 0.3628, 0.2887.

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

51.7187, 0.3628, 0.2887

Protanopia

51.8963, 0.2893, 0.2938

Deuteranopia

51.8970, 0.3201, 0.3135



Tritanopia

51.8154, 0.3809, 0.3154

Trichromacy



Original Color

51.7187, 0.3628, 0.2887



Protanomaly

51.2449, 0.3136, 0.2918



Deuteranomaly

51.4151, 0.3356, 0.3040



Tritanomaly

51.9741, 0.3744, 0.3061

Monochromacy



Original Color

51.7187, 0.3628, 0.2887



Achromatopsia

54.5724, 0.3127, 0.3290



Achromatomaly

52.6959, 0.3296, 0.3116

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.7187, 0.3628, 0.2887 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, 202)` looks like.

```
.text, #text, p{  
    color:rgb(255, 163, 202)  
}
```

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, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 163, 202) }
```

Border

The CSS property to change the border of an element to Yxy 51.7187, 0.3628, 0.2887 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, 202) }
```

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

```
.border{ border-color:rgb(255, 163, 202) }
```

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, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 163, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 163, 202);  
box-shadow:4px 4px 4px 4px rgb(255, 163,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 51.7187, 0.3628, 0.2887 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, 202) }
```

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

```
.background{ background-color: rgb(255,  
163, 202) }
```

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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