

Converting Colors

$Y_{xy}(53.0395, 0.3421, 0.2670)$

Have a look what the booklet for
Yxy(53.0395, 0.3421, 0.2670)
contains.

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Color

Yxy(52.8906, 0.3419, 0.2662)

Conversions

Conversions Part 1

Format	Color
Hex	FFA3E1
RGB	255, 163, 225
RGB Percent	100%, 64%, 88%
CMY	0.0000, 0.3608, 0.1176
CMYK	0.00, 0.36, 0.12, 0.00
HSL	320°, 100%, 82%
HSV	320°, 36%, 100%
XYZ	67.9312, 52.8906, 77.8656
YIQ	197.5760, 34.9300, 38.7860

Conversions

Conversions Part 2

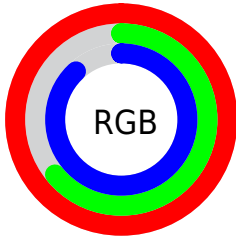
Format	Color
R _Y B	255, 163, 225
Decimal	16753633
CIE Lab	77.81, 42.69, -17.11
CIE LCh	78, 45.987, 338.158
Yxy	52.8906, 0.3419, 0.2662
Android (android.graphics.Color)	4294943713 (0xFFFFA3E1)
YUV	197.5760, 13.5200, 50.3608
Hunter-Lab	72.7259, 39.4615, -12.5720

Details

The Yxy color **52.8906, 0.3419, 0.2662** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **83.1565, 0.2923, 0.4018**, and the grayscale version is **56.1013, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.1430, 0.3144, 0.2940**, and **25.7099, 0.3485, 0.2507** is the 20% darker color. If you saturate the color by 10%, you get **44.2874, 0.3531, 0.2492**, and if you desaturate by 10%, it is **63.3417, 0.3321, 0.2839**.

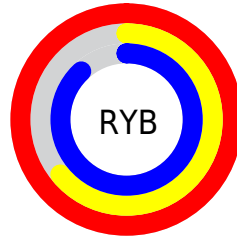
Distribution



Red (100%)

Green (64%)

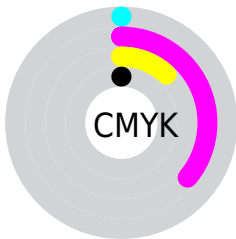
Blue (88%)



Red (100%)

Yellow (64%)

Blue (88%)

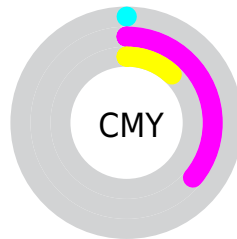


Cyan (0%)

Magenta (36%)

Yellow (12%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.8906, 0.3419, 0.2662 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 52.8906, 0.3419, 0.2662 by changing the saturation by 10% instead.


 52.8906, 0.3419,
0.2662


 52.8906, 0.3419,
0.2662


397.8653, 0.3284,
0.2952

 37.7154, 0.3450,
0.2596


 94.4434, 0.3372,
0.2762

 25.7619, 0.3487,
0.2515


 121.5898, 0.3354,
0.2802

 16.6456, 0.3535,
0.2412


153.4954, 0.3339,
0.2835

 9.9821, 0.3596,
0.2280

190.5446, 0.3325,
0.2865

 5.3871, 0.3680,
0.2101

233.1218, 0.3313,
0.2891

 2.4761, 0.3797,
0.1848

281.6114, 0.3302,

 0.8647, 0.3971,

0.2913

0.1472

336.3977, 0.3293,
0.2934

■ 0.0000, 0.4654,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.8906, 0.3419,
0.2662

■ 52.8906, 0.3419,
0.2662

■ 44.2874, 0.3531,
0.2492

■ 63.3417, 0.3321,
0.2839

■ 37.4209, 0.3655,
0.2340

■ 75.7417, 0.3237,
0.3017

■ 32.1687, 0.3791,
0.2215

■ 90.1847, 0.3165,
0.3189

■ 28.3921, 0.3933,
0.2131

100.0000, 0.3127,
0.3290

■ 25.9288, 0.4076,
0.2095

■ 24.5770, 0.4216,
0.2110

■ 24.2333, 0.4270,
0.2126

Harmonies

Analogous

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



52.8906, 0.2801, 0.2404



52.8906, 0.3419, 0.2662



52.8906, 0.4001, 0.3057

Triad

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



52.8906, 0.3419, 0.2662



52.8906, 0.3920, 0.4331



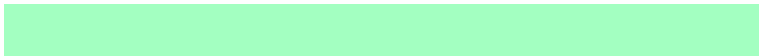
52.8906, 0.2058, 0.2868

Complementary

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



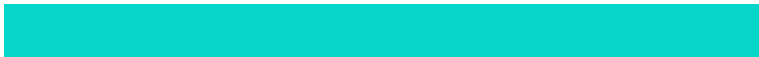
52.8906, 0.3419, 0.2662



83.1565, 0.2923, 0.4018

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.



52.8906, 0.2298, 0.3460



52.8906, 0.3419, 0.2662



52.8906, 0.3360, 0.4398

Square

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



52.8906, 0.3419, 0.2662



52.8906, 0.4287, 0.3983



52.8906, 0.2766, 0.4067



52.8906, 0.2070, 0.2479

Rectangle

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



52.8906, 0.3419, 0.2662



52.8906, 0.4259, 0.3364



52.8906, 0.2766, 0.4067



52.8906, 0.2110, 0.3048

Sweetspot

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



52.8907, 0.3419, 0.2662



82.8157, 0.3199, 0.3105



44.6381, 0.2673, 0.2255



17.3106, 0.3209, 0.3082



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.



52.8907, 0.3419, 0.2662



46.7456, 0.3495, 0.2543



50.7441, 0.3840, 0.3115



18.1937, 0.3188, 0.3131



12.6910, 0.4248, 0.2114



1.2558, 0.4099, 0.2032

Inverse Universe

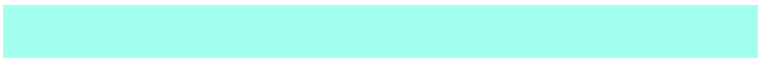
The Inverse Universe completely reimagines the original color for something new.



52.8907, 0.3419, 0.2662



46.7456, 0.3495, 0.2543



85.4874, 0.2698, 0.3478



18.1937, 0.3188, 0.3131



12.6910, 0.4248, 0.2114



1.2558, 0.4099, 0.2032

Previews

White Background



This preview shows how the Yxy color 52.8906, 0.3419, 0.2662 looks on a white background.

Color Contrast Check

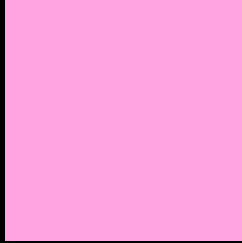
Large Text (above 18pt) WCAG AA × Fail

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 52.8906, 0.3419, 0.2662 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

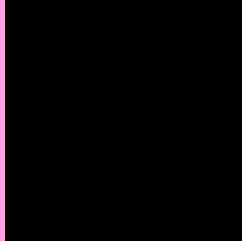
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.8906, 0.3419, 0.2662

Background



This preview shows how black text looks on a background with the Yxy color 52.8906, 0.3419, 0.2662.



This preview shows how white text looks on a background with the Yxy color 52.8906, 0.3419, 0.2662.

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

52.8906, 0.3419, 0.2662

Protanopia

53.3770, 0.2678, 0.2669

Deuteranopia

53.1927, 0.2963, 0.2902



Tritanopia

52.9105, 0.3733, 0.3153

Trichromacy



Original Color

52.8906, 0.3419, 0.2662



Protanomaly

52.4276, 0.2918, 0.2659



Deuteranomaly

52.5742, 0.3125, 0.2808



Tritanomaly

52.8242, 0.3619, 0.2966

Monochromacy



Original Color

52.8906, 0.3419, 0.2662



Achromatopsia

56.4712, 0.3127, 0.3290



Achromatomaly

54.3121, 0.3231, 0.3028

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.8906, 0.3419, 0.2662 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, 225)` looks like.

```
.text, #text, p{  
    color:rgb(255, 163, 225)  
}
```

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, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 163, 225) }
```

Border

The CSS property to change the border of an element to Yxy 52.8906, 0.3419, 0.2662 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, 225) }
```

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

```
.border{ border-color:rgb(255, 163, 225) }
```

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, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 163, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 163, 225);  
box-shadow:4px 4px 4px 4px rgb(255, 163,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 52.8906, 0.3419, 0.2662 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, 225) }
```

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

```
.background{ background-color: rgb(255,  
163, 225) }
```

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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