

Converting Colors

Yxy(69.8325, 0.4150, 0.2922)

Have a look what the booklet for
Yxy(69.8325, 0.4150, 0.2922)
contains.

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Color

Yxy(52.8734, 0.3541, 0.2818)

Conversions

Conversions Part 1

Format	Color
Hex	FFA5D3
RGB	255, 165, 211
RGB Percent	100%, 65%, 83%
CMY	0.0002, 0.3528, 0.1726
CMYK	0.00, 0.35, 0.17, 0.00
HSL	329°, 100%, 82%
HSV	329°, 35%, 100%
XYZ	66.4389, 52.8734, 68.3151
YIQ	197.1540, 38.8740, 33.3860

Conversions

Conversions Part 2

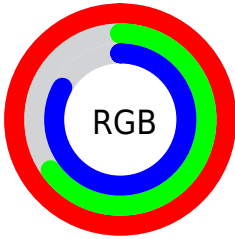
Format	Color
R_{YB}	255, 165, 211
Decimal	16754131
CIE _{Lab}	77.80, 39.43, -9.49
CIE _{LCh}	78, 40.558, 346.463
Yxy	52.8734, 0.3541, 0.2818
Android (android.graphics.Color)	4294944211 (0xFFFFA5D3)
YUV	197.1540, 6.8261, 50.7309
Hunter-Lab	72.7141, 35.8458, -4.8033

Details

The Yxy color **52.8734, 0.3541, 0.2818** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **84.1004, 0.2852, 0.3820**, and the grayscale version is **55.8745, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.1929, 0.3143, 0.2960**, and **25.8590, 0.3654, 0.2714** is the 20% darker color. If you saturate the color by 10%, you get **43.9736, 0.3712, 0.2685**, and if you desaturate by 10%, it is **63.6599, 0.3396, 0.2956**.

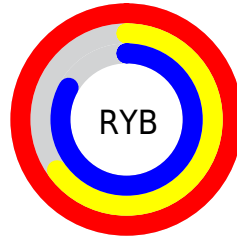
Distribution



Red (100%)

Green (65%)

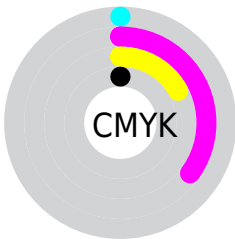
Blue (83%)



Red (100%)

Yellow (65%)

Blue (83%)

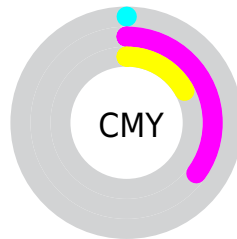


Cyan (0%)

Magenta (35%)

Yellow (17%)

Black (0%)



Cyan (0%)


Magenta (35%)

Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.8734, 0.3541, 0.2818 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 52.8734, 0.3541, 0.2818 by changing the saturation by 10% instead.


 52.8734, 0.3541,
0.2818

 52.8734, 0.3541,
0.2818

397.7992, 0.3343,
0.3040

 37.7017, 0.3588,
0.2766


 94.4181, 0.3471,
0.2896

 25.7513, 0.3647,
0.2702


 121.5598, 0.3444,
0.2926

 16.6377, 0.3723,
0.2620


153.4604, 0.3421,
0.2952

 9.9765, 0.3824,
0.2512

190.5042, 0.3401,
0.2974

 5.3834, 0.3967,
0.2363

233.0755, 0.3384,
0.2994

 2.4739, 0.4182,
0.2145

281.5589, 0.3369,

 0.8635, 0.4540,

0.3011

0.1800

336.3387, 0.3355,
0.3026

■ 0.0000, 0.6472,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.8734, 0.3541,
0.2818

■ 52.8734, 0.3541,
0.2818

■ 43.9736, 0.3712,
0.2685

■ 63.6599, 0.3396,
0.2956

■ 36.8425, 0.3908,
0.2566

■ 76.4272, 0.3274,
0.3093

■ 31.3604, 0.4128,
0.2473

■ 91.2720, 0.3173,
0.3224

■ 27.3891, 0.4365,
0.2418

99.9921, 0.3127,
0.3290

■ 24.7679, 0.4609,
0.2413

■ 23.2984, 0.4846,
0.2464

■ 22.8708, 0.4954,
0.2503

Harmonies

Analogous

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



52.8734, 0.2986, 0.2545



52.8734, 0.3541, 0.2818



52.8734, 0.4007, 0.3200

Triad

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



52.8734, 0.3541, 0.2818



52.8734, 0.3711, 0.4258



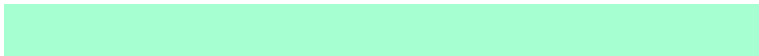
52.8734, 0.2151, 0.2806

Complementary

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



52.8734, 0.3541, 0.2818



84.1004, 0.2852, 0.3820

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.



52.8734, 0.2309, 0.3290



52.8734, 0.3541, 0.2818



52.8734, 0.3192, 0.4212

Square

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



52.8734, 0.3541, 0.2818



52.8734, 0.4093, 0.4016



52.8734, 0.2680, 0.3836



52.8734, 0.2224, 0.2512

Rectangle

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



52.8734, 0.3541, 0.2818



52.8734, 0.4179, 0.3484



52.8734, 0.2680, 0.3836



52.8734, 0.2178, 0.2950

Sweetspot

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



52.8759, 0.3541, 0.2818



82.5385, 0.3229, 0.3150



47.6211, 0.2799, 0.2312



17.2444, 0.3243, 0.3132



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.



52.8759, 0.3541, 0.2818



46.7020, 0.3653, 0.2727



50.9466, 0.3963, 0.3277



18.1420, 0.3214, 0.3169



11.9852, 0.4918, 0.2483



1.1890, 0.4670, 0.2346

Inverse Universe

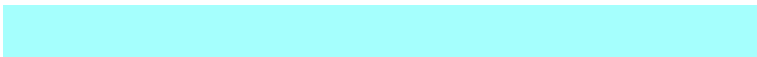
The Inverse Universe completely reimagines the original color for something new.



52.8759, 0.3541, 0.2818



46.7020, 0.3653, 0.2727



86.6174, 0.2636, 0.3305



18.1420, 0.3214, 0.3169



11.9852, 0.4918, 0.2483



1.1890, 0.4670, 0.2346

Previews

White Background



This preview shows how the Yxy color 52.8734, 0.3541, 0.2818 looks on a white background.

Color Contrast Check

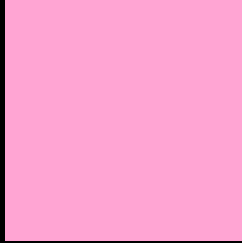
Large Text (above 18pt) WCAG AA × Fail

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 52.8734, 0.3541, 0.2818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

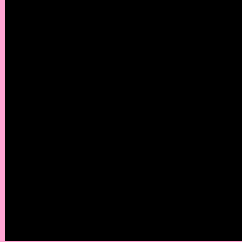
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.8734, 0.3541, 0.2818

Background



This preview shows how black text looks on a background with the Yxy color 52.8734, 0.3541, 0.2818.



This preview shows how white text looks on a background with the Yxy color 52.8734, 0.3541, 0.2818.

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

52.8734, 0.3541, 0.2818

Protanopia

53.1773, 0.2819, 0.2848

Deuteranopia

53.0248, 0.3122, 0.3054



Tritanopia

52.8638, 0.3763, 0.3154

Trichromacy



Original Color

52.8734, 0.3541, 0.2818



Protanomaly

52.4315, 0.3051, 0.2831



Deuteranomaly

52.4822, 0.3270, 0.2962



Tritanomaly

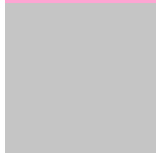
52.7382, 0.3683, 0.3029

Monochromacy



Original Color

52.8734, 0.3541, 0.2818



Achromatopsia

55.8340, 0.3127, 0.3290



Achromatomaly

53.8676, 0.3270, 0.3095

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.8734, 0.3541, 0.2818 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, 165, 211)` looks like.

```
.text, #text, p{  
    color:rgb(255, 165, 211)  
}
```

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, 165, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 165, 211) }
```

Border

The CSS property to change the border of an element to Yxy 52.8734, 0.3541, 0.2818 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, 165, 211) }
```

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

```
.border{ border-color:rgb(255, 165, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 165, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 165, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 165, 211);  
box-shadow:4px 4px 4px 4px rgb(255, 165,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 52.8734, 0.3541, 0.2818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 165, 211) }
```

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

```
.background{ background-color: rgb(255,  
165, 211) }
```

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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