

Converting Colors

Yxy(53.9343, 0.3363, 0.2668)

Have a look what the booklet for
Yxy(53.9343, 0.3363, 0.2668)
contains.

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Color

Yxy(53.9343, 0.3363, 0.2668)

Conversions

Conversions Part 1

Format	Color
Hex	FCA7E4
RGB	252, 167, 228
RGB Percent	99%, 65%, 89%
CMY	0.0115, 0.3452, 0.1058
CMYK	0.00, 0.34, 0.10, 0.01
HSL	317°, 94%, 82%
HSV	317°, 34%, 99%
XYZ	67.9839, 53.9343, 80.2343
YIQ	199.3690, 31.0790, 36.9910

Conversions

Conversions Part 2

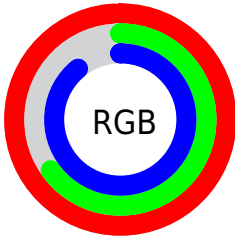
Format	Color
R_{YB}	252, 167, 228
Decimal	16558052
CIE _{Lab}	78.42, 40.16, -17.85
CIE _{LCh}	78, 43.946, 336.038
Yxy	53.9343, 0.3363, 0.2668
Android (android.graphics.Color)	4294748132 (0xFFFC A7E4)
YUV	199.3690, 14.1151, 46.1574
Hunter-Lab	73.4400, 36.7187, -13.3673

Details

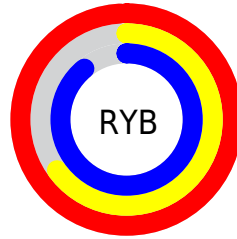
The Yxy color **53.9343, 0.3363, 0.2668** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **81.6329, 0.2954, 0.4008**, and the grayscale version is **57.2504, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.2554, 0.3142, 0.2980**, and **26.2967, 0.3409, 0.2511** is the 20% darker color. If you saturate the color by 10%, you get **45.1983, 0.3457, 0.2486**, and if you desaturate by 10%, it is **64.4911, 0.3280, 0.2856**.

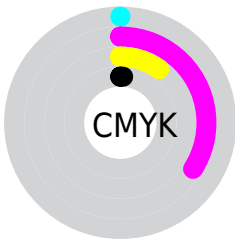
Distribution



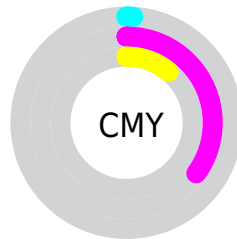
- Red (99%)
- Green (65%)
- Blue (89%)



- Red (99%)
- Yellow (65%)
- Blue (89%)



- Cyan (0%)
- Magenta (34%)
- Yellow (10%)
- Black (1%)




- Cyan (1%)
- Magenta (35%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.9343, 0.3363, 0.2668 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 53.9343, 0.3363, 0.2668 by changing the saturation by 10% instead.


 53.9343, 0.3363,
0.2668

 53.9343, 0.3363,
0.2668


401.8594, 0.3256,
0.2955

 38.5491, 0.3387,
0.2603


 95.9778, 0.3326,
0.2767

 26.4092, 0.3416,
0.2523


 123.4049, 0.3312,
0.2806

 17.1300, 0.3453,
0.2423


155.6147, 0.3299,
0.2839

 10.3272, 0.3500,
0.2292

192.9918, 0.3288,
0.2868

 5.6164, 0.3562,
0.2117

235.9204, 0.3279,
0.2894

 2.6133, 0.3647,
0.1871

284.7849, 0.3270,

 0.9334, 0.3769,

0.2916

0.1504

339.9698, 0.3263,
0.2936

0.0000, 0.4343,
0.0000

0.0000, 0.0000,
0.0000

53.9343, 0.3363,
0.2668

53.9343, 0.3363,
0.2668

45.1983, 0.3457,
0.2486

64.4911, 0.3280,
0.2856

38.1705, 0.3561,
0.2320

76.9581, 0.3209,
0.3043

32.7373, 0.3674,
0.2181

91.4274, 0.3148,
0.3224

28.7682, 0.3793,
0.2079

99.4464, 0.3109,
0.3290

■ 26.1118, 0.3913,
0.2023

■ 24.5835, 0.4030,
0.2016

■ 24.0353, 0.4101,
0.2033

Harmonies

Analogous

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



53.9343, 0.2780, 0.2432



53.9343, 0.3363, 0.2668



53.9343, 0.3924, 0.3040

Triad

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



53.9343, 0.3363, 0.2668



53.9343, 0.3917, 0.4265



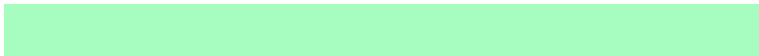
53.9343, 0.2115, 0.2927

Complementary

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



53.9343, 0.3363, 0.2668



81.6329, 0.2954, 0.4008

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.



53.9343, 0.2363, 0.3496



53.9343, 0.3363, 0.2668



53.9343, 0.3393, 0.4346

Square

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



53.9343, 0.3363, 0.2668



53.9343, 0.4245, 0.3927



53.9343, 0.2824, 0.4058



53.9343, 0.2108, 0.2538

Rectangle

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



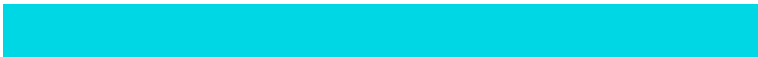
53.9343, 0.3363, 0.2668



53.9343, 0.4182, 0.3333



53.9343, 0.2824, 0.4058



53.9343, 0.2171, 0.3102

Sweetspot

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



53.9367, 0.3363, 0.2668



84.3402, 0.3185, 0.3112



45.5641, 0.2677, 0.2321



17.6175, 0.3193, 0.3086



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.



53.9367, 0.3363, 0.2668



48.6776, 0.3430, 0.2535



51.9151, 0.3736, 0.3082



17.4360, 0.3181, 0.3121



12.5402, 0.4083, 0.2023



1.1796, 0.3953, 0.1952

Inverse Universe

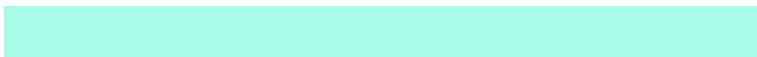
The Inverse Universe completely reimagines the original color for something new.



53.9367, 0.3363, 0.2668



48.6776, 0.3430, 0.2535



83.7083, 0.2743, 0.3513



17.4360, 0.3181, 0.3121



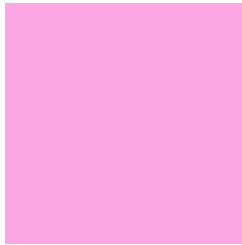
12.5402, 0.4083, 0.2023



1.1796, 0.3953, 0.1952

Previews

White Background



This preview shows how the Yxy color 53.9343, 0.3363, 0.2668 looks on a white background.

Color Contrast Check

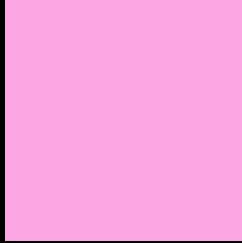
Large Text (above 18pt) WCAG AA × Fail

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 53.9343, 0.3363, 0.2668 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

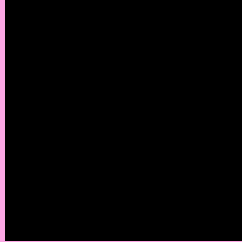
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.9343, 0.3363, 0.2668

Background



This preview shows how black text looks on a background with the Yxy color 53.9343, 0.3363, 0.2668.



This preview shows how white text looks on a background with the Yxy color 53.9343, 0.3363, 0.2668.

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

53.9343, 0.3363, 0.2668

Protanopia

54.1156, 0.2686, 0.2673

Deuteranopia

54.3508, 0.2950, 0.2893



Tritanopia

54.0649, 0.3659, 0.3152

Trichromacy



Original Color

53.9343, 0.3363, 0.2668



Protanomaly

53.3644, 0.2905, 0.2662



Deuteranomaly

53.7976, 0.3093, 0.2809



Tritanomaly

53.9566, 0.3548, 0.2964

Monochromacy



Original Color

53.9343, 0.3363, 0.2668



Achromatopsia

57.1125, 0.3127, 0.3290



Achromatomaly

55.0992, 0.3205, 0.3028

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.9343, 0.3363, 0.2668 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(252, 167, 228)` looks like.

```
.text, #text, p{  
    color:rgb(252, 167, 228)  
}
```

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(252, 167, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 167, 228) }
```

Border

The CSS property to change the border of an element to Yxy 53.9343, 0.3363, 0.2668 is called "border". The border property can be set on classes, ids or directly on the HTML element.

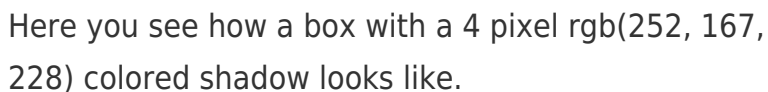
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(252, 167, 228) }
```

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

```
.border{ border-color:rgb(252, 167, 228) }
```

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



Here you see how a box with a 4 pixel `rgb(252, 167, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(252, 167, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(252, 167, 228); box-shadow:4px 4px 4px 4px rgb(252, 167, 228) }
```


Background

The CSS property to change the background color of an element to Yxy 53.9343, 0.3363, 0.2668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 167, 228) }
```

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

```
.background{ background-color: rgb(252,  
167, 228) }
```

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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