

Converting Colors

$Y_{xy}(49.8681, 0.3439, 0.2746)$

Have a look what the booklet for
Yxy(49.8681, 0.3439, 0.2746)
contains.

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Color

Yxy(50.0572, 0.3440, 0.2751)

Conversions

Conversions Part 1

Format	Color
Hex	F5A2D5
RGB	245, 162, 213
RGB Percent	96%, 64%, 84%
CMY	0.0391, 0.3647, 0.1647
CMYK	0.00, 0.34, 0.13, 0.04
HSL	323°, 81%, 80%
HSV	323°, 34%, 96%
XYZ	62.5942, 50.0572, 69.3086
YIQ	192.6310, 33.0970, 33.4570

Conversions

Conversions Part 2

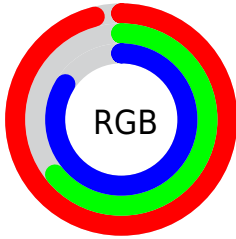
Format	Color
R _Y B	245, 162, 213
Decimal	16098005
CIE Lab	76.10, 38.01, -13.24
CIE LCh	76, 40.252, 340.792
Yxy	50.0572, 0.3440, 0.2751
Android (android.graphics.Color)	4294288085 (0xFFF5A2D5)
YUV	192.6310, 10.0419, 45.9276
Hunter-Lab	70.7511, 34.1064, -8.5554

Details

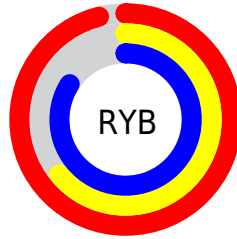
The Yxy color **50.0572, 0.3440, 0.2751** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **76.9015, 0.2907, 0.3902**, and the grayscale version is **53.0274, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.6228, 0.3144, 0.2930**, and **23.9707, 0.3516, 0.2623** is the 20% darker color. If you saturate the color by 10%, you get **41.7861, 0.3569, 0.2592**, and if you desaturate by 10%, it is **60.0426, 0.3329, 0.2914**.

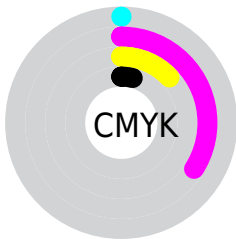
Distribution



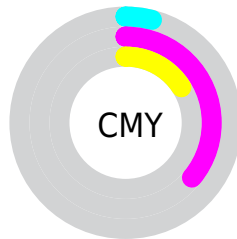
- Red (96%)
- Green (64%)
- Blue (84%)



- Red (96%)
- Yellow (64%)
- Blue (84%)



- Cyan (0%)
- Magenta (34%)
- Yellow (13%)
- Black (4%)



- Cyan (4%)
- Magenta (36%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.0572, 0.3440, 0.2751 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 50.0572, 0.3440, 0.2751 by changing the saturation by 10% instead.


 50.0572, 0.3440,
0.2751

 50.0572, 0.3440,
0.2751


386.8896, 0.3291,
0.3005

 35.4588, 0.3475,
0.2692


 90.2596, 0.3388,
0.2840

 24.0165, 0.3518,
0.2619


 116.6325, 0.3368,
0.2874

 15.3459, 0.3574,
0.2525


147.6990, 0.3350,
0.2904

 9.0625, 0.3649,
0.2401

183.8435, 0.3335,
0.2929

 4.7820, 0.3752,
0.2231

225.4504, 0.3322,
0.2952

 2.1199, 0.3905,
0.1984

272.9041, 0.3311,

 0.6758, 0.4168,

0.2972

0.1564

326.5891, 0.3301,
0.2989

0.0000, 0.5317,
0.0000

0.0000, 0.0000,
0.0000

50.0572, 0.3440,
0.2751

50.0572, 0.3440,
0.2751

41.7861, 0.3569,
0.2592

60.0426, 0.3329,
0.2914

35.1240, 0.3716,
0.2448

71.8261, 0.3234,
0.3076

29.9643, 0.3878,
0.2328

85.4942, 0.3154,
0.3232

26.1848, 0.4051,
0.2245

97.8914, 0.3090,
0.3331

■ 23.6438, 0.4229,
0.2209

■ 98.1584, 0.3066,
0.3290

■ 22.1687, 0.4405,
0.2226

■ 21.6363, 0.4510,
0.2258

Harmonies

Analogous

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



50.0572, 0.2883, 0.2503



50.0572, 0.3440, 0.2751



50.0572, 0.3943, 0.3120

Triad

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



50.0572, 0.3440, 0.2751



50.0572, 0.3805, 0.4240



50.0572, 0.2154, 0.2880

Complementary

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



50.0572, 0.3440, 0.2751



76.9015, 0.2907, 0.3902

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.



50.0572, 0.2356, 0.3395



50.0572, 0.3440, 0.2751



50.0572, 0.3295, 0.4258

Square

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



50.0572, 0.3440, 0.2751



50.0572, 0.4149, 0.3956



50.0572, 0.2765, 0.3935



50.0572, 0.2184, 0.2544

Rectangle

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



50.0572, 0.3440, 0.2751



50.0572, 0.4155, 0.3403



50.0572, 0.2765, 0.3935



50.0572, 0.2196, 0.3037

Sweetspot

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



50.0595, 0.3440, 0.2751



84.1782, 0.3202, 0.3137



43.8779, 0.2750, 0.2338



17.5782, 0.3213, 0.3115



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.



50.0595, 0.3440, 0.2751



48.1055, 0.3531, 0.2636



48.2220, 0.3832, 0.3186



16.6536, 0.3197, 0.3146



11.6803, 0.4483, 0.2243



1.0467, 0.4280, 0.2131

Inverse Universe

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



50.0595, 0.3440, 0.2751



48.1055, 0.3531, 0.2636



79.0232, 0.2693, 0.3400



16.6536, 0.3197, 0.3146



11.6803, 0.4483, 0.2243



1.0467, 0.4280, 0.2131

Previews

White Background



This preview shows how the Yxy color 50.0572, 0.3440, 0.2751 looks on a white background.

Color Contrast Check

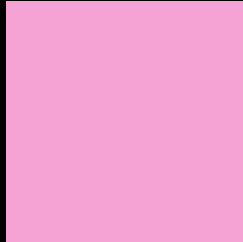
Large Text (above 18pt) WCAG AA × Fail

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 50.0572, 0.3440, 0.2751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

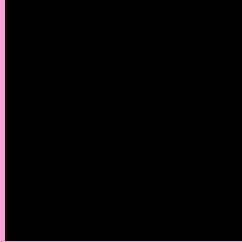
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.0572, 0.3440, 0.2751

Background



This preview shows how black text looks on a background with the Yxy color 50.0572, 0.3440, 0.2751.



This preview shows how white text looks on a background with the Yxy color 50.0572, 0.3440, 0.2751.

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

50.0572, 0.3440, 0.2751

Protanopia

50.2399, 0.2758, 0.2768

Deuteranopia

50.2062, 0.3035, 0.2976



Tritanopia

50.0422, 0.3688, 0.3148

Trichromacy



Original Color

50.0572, 0.3440, 0.2751



Protanomaly

49.3286, 0.2979, 0.2752



Deuteranomaly

49.6092, 0.3180, 0.2885



Tritanomaly

49.9999, 0.3589, 0.2997

Monochromacy



Original Color

50.0572, 0.3440, 0.2751



Achromatopsia

53.3276, 0.3127, 0.3290



Achromatomaly

51.6231, 0.3239, 0.3079

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.0572, 0.3440, 0.2751 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(245, 162, 213)` looks like.

```
.text, #text, p{  
    color:rgb(245, 162, 213)  
}
```

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(245, 162, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 162, 213) }
```

Border

The CSS property to change the border of an element to Yxy 50.0572, 0.3440, 0.2751 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(245, 162, 213) }
```

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

```
.border{ border-color:rgb(245, 162, 213) }
```

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

Here you see how a box with a 4 pixel rgb(245, 162, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 162, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 162, 213);  
box-shadow:4px 4px 4px 4px rgb(245, 162,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 50.0572, 0.3440, 0.2751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 162, 213) }
```

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

```
.background{ background-color: rgb(245,  
162, 213) }
```

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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