

Converting Colors

Yxy(50.3069, 0.3448, 0.2760)

Have a look what the booklet for
Yxy(50.3069, 0.3448, 0.2760)
contains.

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Color

Yxy(50.2376, 0.3448, 0.2753)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F6A2D5 |
| RGB | 246, 162, 213 |
| RGB Percent | 96%, 64%, 84% |
| CMY | 0.0355, 0.3646, 0.1647 |
| CMYK | 0.00, 0.34, 0.13, 0.04 |
| HSL | 324°, 82%, 80% |
| HSV | 324°, 34%, 96% |
| XYZ | 62.9202, 50.2376, 69.3253 |
| YIQ | 192.9300, 33.6930, 33.6690 |

Conversions

Conversions Part 2

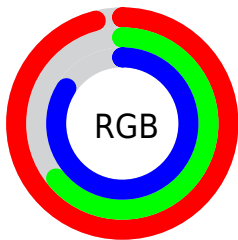
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 246, 162, 213 |
| Decimal | 16163541 |
| CIE Lab | 76.21, 38.29, -13.07 |
| CIE LCh | 76, 40.457, 341.157 |
| Yxy | 50.2376, 0.3448, 0.2753 |
| Android (android.graphics.Color) | 4294353621 (0xFFF6A2D5) |
| YUV | 192.9300, 9.8945, 46.5424 |
| Hunter-Lab | 70.8785, 34.4205, -8.3758 |

Details

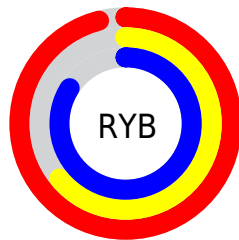
The Yxy color **50.2376, 0.3448, 0.2753** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **77.5007, 0.2903, 0.3900**, and the grayscale version is **53.2126, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.6228, 0.3144, 0.2930**, and **24.0973, 0.3528, 0.2626** is the 20% darker color. If you saturate the color by 10%, you get **41.9277, 0.3580, 0.2596**, and if you desaturate by 10%, it is **60.2758, 0.3334, 0.2915**.

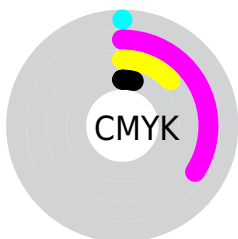
Distribution



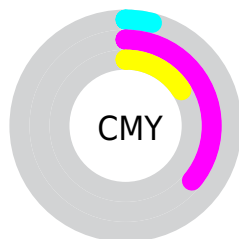
- Red (96%)
- Green (64%)
- Blue (84%)



- 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 50.2376, 0.3448, 0.2753 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 50.2376, 0.3448, 0.2753 by changing the saturation by 10% instead.


 50.2376, 0.3448,
0.2753

 50.2376, 0.3448,
0.2753

387.5944, 0.3296,
0.3006

 35.6022, 0.3484,
0.2694


 90.5268, 0.3394,
0.2842

 24.1271, 0.3529,
0.2621


 116.9494, 0.3374,
0.2876

 15.4280, 0.3586,
0.2528


148.0699, 0.3356,
0.2905

 9.1203, 0.3662,
0.2405


184.2727, 0.3341,
0.2931

 4.8197, 0.3769,
0.2236

225.9422, 0.3327,
0.2953

 2.1419, 0.3927,
0.1990

273.4626, 0.3315,

 0.6880, 0.4196,

0.2973

0.1577

327.2186, 0.3305,
0.2990

0.0000, 0.5398,
0.0000

0.0000, 0.0000,
0.0000

50.2376, 0.3448,
0.2753

50.2376, 0.3448,
0.2753

41.9277, 0.3580,
0.2596

60.2758, 0.3334,
0.2915

35.2394, 0.3730,
0.2453

72.1269, 0.3238,
0.3075

30.0651, 0.3896,
0.2335

85.8785, 0.3157,
0.3229

26.2809, 0.4073,
0.2255

98.1067, 0.3091,
0.3323

■ 23.7434, 0.4256,
0.2222

■ 98.3222, 0.3071,
0.3290

■ 22.2772, 0.4436,
0.2242

■ 21.7636, 0.4539,
0.2274

Harmonies

Analogous

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



50.2376, 0.2889, 0.2502



50.2376, 0.3448, 0.2753



50.2376, 0.3951, 0.3125

Triad

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



50.2376, 0.3448, 0.2753



50.2376, 0.3802, 0.4246



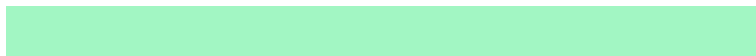
50.2376, 0.2150, 0.2873

Complementary

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



50.2376, 0.3448, 0.2753



77.5007, 0.2903, 0.3900

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.



50.2376, 0.2349, 0.3389



50.2376, 0.3448, 0.2753



50.2376, 0.3289, 0.4260

Square

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



50.2376, 0.3448, 0.2753



50.2376, 0.4150, 0.3962



50.2376, 0.2758, 0.3932



50.2376, 0.2182, 0.2538

Rectangle

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



50.2376, 0.3448, 0.2753



50.2376, 0.4162, 0.3408



50.2376, 0.2758, 0.3932



50.2376, 0.2191, 0.3029

Sweetspot

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



50.2399, 0.3448, 0.2753



84.1674, 0.3203, 0.3139



44.0001, 0.2747, 0.2331



17.5756, 0.3214, 0.3117



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.



50.2399, 0.3448, 0.2753



48.0687, 0.3538, 0.2643



48.4081, 0.3839, 0.3186



16.6516, 0.3198, 0.3147



11.6512, 0.4511, 0.2259



1.0442, 0.4303, 0.2144

Inverse Universe

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



50.2399, 0.3448, 0.2753



48.0687, 0.3538, 0.2643



79.6262, 0.2691, 0.3401



16.6516, 0.3198, 0.3147



11.6512, 0.4511, 0.2259



1.0442, 0.4303, 0.2144

Previews

White Background



This preview shows how the Yxy color 50.2376, 0.3448, 0.2753 looks on a white background.

Color Contrast Check

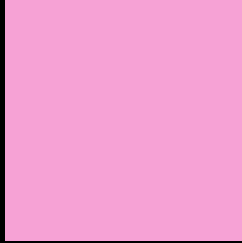
Large Text (above 18pt) WCAG AA × Fail

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 50.2376, 0.3448, 0.2753 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 50.2376, 0.3448, 0.2753

Background



This preview shows how black text looks on a background with the Yxy color 50.2376, 0.3448, 0.2753.



This preview shows how white text looks on a background with the Yxy color 50.2376, 0.3448, 0.2753.

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

50.2376, 0.3448, 0.2753

Protanopia

50.7815, 0.2767, 0.2782

Deuteranopia

50.3407, 0.3043, 0.2976



Tritanopia

50.2187, 0.3697, 0.3149

Trichromacy



Original Color

50.2376, 0.3448, 0.2753



Protanomaly

49.8650, 0.2987, 0.2765



Deuteranomaly

49.7602, 0.3189, 0.2886



Tritanomaly

50.1774, 0.3598, 0.2998

Monochromacy



Original Color

50.2376, 0.3448, 0.2753



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 50.2376, 0.3448, 0.2753 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(246, 162, 213)` looks like.

```
.text, #text, p{  
    color:rgb(246, 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(246, 162, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 162, 213) }
```

Border

The CSS property to change the border of an element to Yxy 50.2376, 0.3448, 0.2753 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(246, 162, 213) }
```

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

```
.border{ border-color:rgb(246, 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(246, 162, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 162, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 162, 213);  
box-shadow:4px 4px 4px 4px rgb(246, 162,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 50.2376, 0.3448, 0.2753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 162, 213) }
```

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

```
.background{ background-color: rgb(246,  
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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