

Converting Colors

$Y_{xy}(50.3608, 0.3555, 0.2896)$

Have a look what the booklet for
Yxy(50.3608, 0.3555, 0.2896)
contains.

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Color

Yxy(50.3608, 0.3555, 0.2896)

Conversions

Conversions Part 1

Format	Color
Hex	F6A4C9
RGB	246, 164, 201
RGB Percent	96%, 64%, 79%
CMY	0.0353, 0.3568, 0.2118
CMYK	0.00, 0.33, 0.18, 0.04
HSL	333°, 82%, 80%
HSV	333°, 33%, 96%
XYZ	61.8207, 50.3608, 61.7163
YIQ	192.7360, 36.9950, 28.8910

Conversions

Conversions Part 2

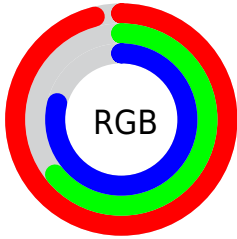
Format	Color
R _Y B	246, 164, 201
Decimal	16164041
CIE Lab	76.29, 35.41, -6.40
CIE LCh	76, 35.984, 349.761
Yxy	50.3608, 0.3555, 0.2896
Android (android.graphics.Color)	4294354121 (0xFFF6A4C9)
YUV	192.7360, 4.0742, 46.7125
Hunter-Lab	70.9653, 31.3089, -1.8869

Details

The Yxy color **50.3608, 0.3555, 0.2896** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **78.4031, 0.2840, 0.3725**, and the grayscale version is **53.1261, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.6664, 0.3143, 0.2950**, and **24.1668, 0.3665, 0.2795** is the 20% darker color. If you saturate the color by 10%, you get **41.7852, 0.3742, 0.2777**, and if you desaturate by 10%, it is **60.6997, 0.3397, 0.3019**.

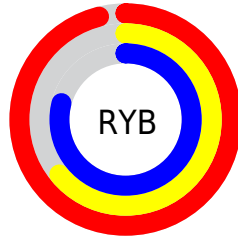
Distribution



Red (96%)

Green (64%)

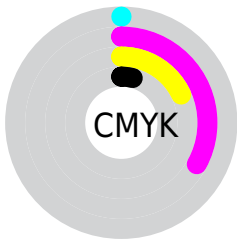
Blue (79%)



Red (96%)

Yellow (64%)

Blue (79%)

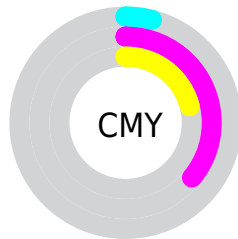


Cyan (0%)

Magenta (33%)

Yellow (18%)

Black (4%)



Cyan (4%)


Magenta (36%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.3608, 0.3555, 0.2896 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 50.3608, 0.3555, 0.2896 by changing the saturation by 10% instead.


 50.3608, 0.3555,
0.2896

 50.3608, 0.3555,
0.2896

388.0752, 0.3347,
0.3085

 35.7002, 0.3605,
0.2851


 90.7092, 0.3481,
0.2963

 24.2027, 0.3669,
0.2795


 117.1658, 0.3452,
0.2989

 15.4841, 0.3752,
0.2722


148.3231, 0.3428,
0.3010

 9.1598, 0.3865,
0.2625

184.5657, 0.3407,
0.3029

 4.8456, 0.4027,
0.2487

226.2777, 0.3389,
0.3046

 2.1569, 0.4279,
0.2280

273.8437, 0.3373,

 0.6964, 0.4735,

0.3060

0.1907

327.6481, 0.3359,
0.3073

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.3608, 0.3555,
0.2896

50.3608, 0.3555,
0.2896

41.7852, 0.3742,
0.2777

60.6997, 0.3397,
0.3019

34.8658, 0.3961,
0.2668

72.8868, 0.3267,
0.3139

29.4949, 0.4209,
0.2583

87.0099, 0.3159,
0.3253

25.5489, 0.4479,
0.2532

98.3310, 0.3072,
0.3290

■ 22.8850, 0.4760,
0.2530

■ 21.3298, 0.5034,
0.2582

■ 20.7381, 0.5207,
0.2642

Harmonies

Analogous

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



50.3608, 0.3056, 0.2631



50.3608, 0.3555, 0.2896



50.3608, 0.3953, 0.3255

Triad

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



50.3608, 0.3555, 0.2896



50.3608, 0.3612, 0.4172



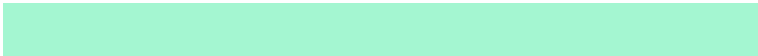
50.3608, 0.2236, 0.2818

Complementary

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



50.3608, 0.3555, 0.2896



78.4031, 0.2840, 0.3725

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.



50.3608, 0.2358, 0.3240



50.3608, 0.3555, 0.2896



50.3608, 0.3137, 0.4090

Square

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



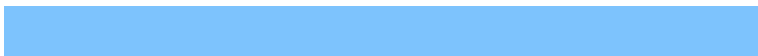
50.3608, 0.3555, 0.2896



50.3608, 0.3974, 0.3986



50.3608, 0.2680, 0.3730



50.3608, 0.2324, 0.2567

Rectangle

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



50.3608, 0.3555, 0.2896



50.3608, 0.4088, 0.3516



50.3608, 0.2680, 0.3730



50.3608, 0.2253, 0.2942

Sweetspot

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



50.3631, 0.3555, 0.2896



83.9268, 0.3229, 0.3177



46.5799, 0.2854, 0.2381



17.5174, 0.3244, 0.3161



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.



50.3631, 0.3555, 0.2896



48.1666, 0.3678, 0.2815



49.8159, 0.3900, 0.3322



16.6068, 0.3223, 0.3184



11.0976, 0.5167, 0.2620



0.9958, 0.4860, 0.2451

Inverse Universe

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



50.3631, 0.3555, 0.2896



48.1666, 0.3678, 0.2815



78.8024, 0.2649, 0.3258



16.6068, 0.3223, 0.3184



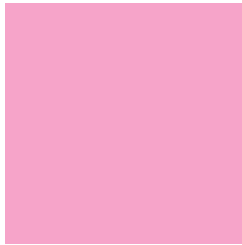
11.0976, 0.5167, 0.2620



0.9958, 0.4860, 0.2451

Previews

White Background



This preview shows how the Yxy color 50.3608, 0.3555, 0.2896 looks on a white background.

Color Contrast Check

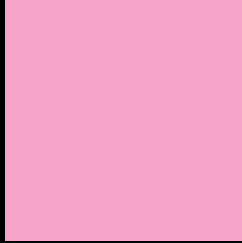
Large Text (above 18pt) WCAG AA × Fail

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 50.3608, 0.3555, 0.2896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

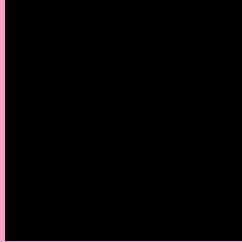
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.3608, 0.3555, 0.2896

Background



This preview shows how black text looks on a background with the Yxy color 50.3608, 0.3555, 0.2896.



This preview shows how white text looks on a background with the Yxy color 50.3608, 0.3555, 0.2896.

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

50.3608, 0.3555, 0.2896

Protanopia

50.6373, 0.2898, 0.2946

Deuteranopia

50.6407, 0.3178, 0.3109



Tritanopia

50.5336, 0.3725, 0.3161

Trichromacy



Original Color

50.3608, 0.3555, 0.2896



Protanomaly

50.1587, 0.3119, 0.2925



Deuteranomaly

50.2343, 0.3314, 0.3024



Tritanomaly

50.6808, 0.3661, 0.3064

Monochromacy



Original Color

50.3608, 0.3555, 0.2896



Achromatopsia

53.3276, 0.3127, 0.3290



Achromatomaly

51.4385, 0.3271, 0.3125

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.3608, 0.3555, 0.2896 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, 164, 201)` looks like.

```
.text, #text, p{  
    color:rgb(246, 164, 201)  
}
```

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, 164, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 164, 201) }
```

Border

The CSS property to change the border of an element to Yxy 50.3608, 0.3555, 0.2896 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, 164, 201) }
```

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

```
.border{ border-color:rgb(246, 164, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 164, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 164, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 164, 201);  
box-shadow:4px 4px 4px 4px rgb(246, 164,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 50.3608, 0.3555, 0.2896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 164, 201) }
```

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

```
.background{ background-color: rgb(246,  
164, 201) }
```

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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