

Converting Colors

$Yxy(49.6076, 0.3568, 0.2886)$

Have a look what the booklet for
Yxy(49.6076, 0.3568, 0.2886)
contains.

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Color

Yxy(49.6036, 0.3568, 0.2885)

Conversions

Conversions Part 1

Format	Color
Hex	F6A2C8
RGB	246, 162, 200
RGB Percent	96%, 64%, 78%
CMY	0.0354, 0.3646, 0.2157
CMYK	0.00, 0.34, 0.19, 0.04
HSL	333°, 82%, 80%
HSV	333°, 34%, 96%
XYZ	61.3468, 49.6036, 60.9858
YIQ	191.4480, 37.8660, 29.6260

Conversions

Conversions Part 2

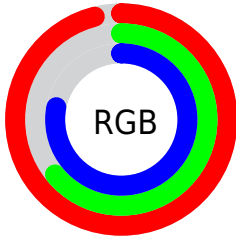
Format	Color
R _Y B	246, 162, 200
Decimal	16163528
CIE Lab	75.83, 36.30, -6.54
CIE LCh	76, 36.890, 349.785
Yxy	49.6036, 0.3568, 0.2885
Android (android.graphics.Color)	4294353608 (0xFFF6A2C8)
YUV	191.4480, 4.2161, 47.8421
Hunter-Lab	70.4298, 32.2276, -2.0388

Details

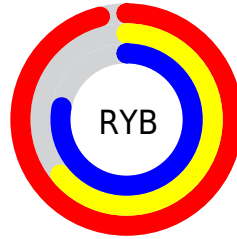
The Yxy color **49.6036, 0.3568, 0.2885** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **78.1371, 0.2834, 0.3739**, and the grayscale version is **52.3340, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.6228, 0.3144, 0.2930**, and **23.7040, 0.3684, 0.2782** is the 20% darker color. If you saturate the color by 10%, you get **41.1676, 0.3757, 0.2766**, and if you desaturate by 10%, it is **59.7946, 0.3409, 0.3008**.

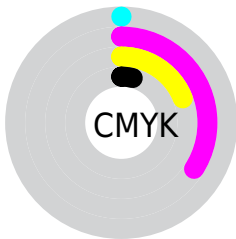
Distribution



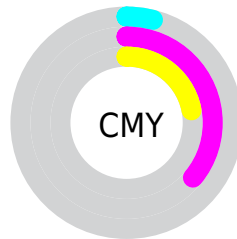
- Red (96%)
- Green (64%)
- Blue (78%)



- Red (96%)
- Yellow (64%)
- Blue (78%)



- Cyan (0%)
- Magenta (34%)
- Yellow (19%)
- Black (4%)



- Cyan (4%)
- Magenta (36%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.6036, 0.3568, 0.2885 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 49.6036, 0.3568, 0.2885 by changing the saturation by 10% instead.


 49.6036, 0.3568,
0.2885

 49.6036, 0.3568,
0.2885


385.1137, 0.3353,
0.3080

 35.0985, 0.3620,
0.2839


 89.5873, 0.3491,
0.2954

 23.7388, 0.3686,
0.2781


 115.8347, 0.3462,
0.2980

 15.1400, 0.3772,
0.2706


146.7650, 0.3437,
0.3003

 8.9177, 0.3890,
0.2605

182.7626, 0.3415,
0.3022

 4.6875, 0.4058,
0.2462

224.2118, 0.3397,
0.3039

 2.0651, 0.4321,
0.2248

271.4972, 0.3380,

 0.6449, 0.4811,

0.3054

0.1841

325.0030, 0.3366,
0.3068

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

49.6036, 0.3568,
0.2885

49.6036, 0.3568,
0.2885

41.1676, 0.3757,
0.2766

59.7946, 0.3409,
0.3008

34.3791, 0.3978,
0.2659

71.8262, 0.3276,
0.3129

29.1292, 0.4227,
0.2575

85.7868, 0.3167,
0.3244

25.2931, 0.4498,
0.2528

98.2576, 0.3078,
0.3301

■ 22.7261, 0.4779,
0.2529

■ 98.3295, 0.3072,
0.3290

■ 21.2515, 0.5050,
0.2586

■ 20.7435, 0.5202,
0.2639

Harmonies

Analogous

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



49.6036, 0.3053, 0.2614



49.6036, 0.3568, 0.2885



49.6036, 0.3979, 0.3253

Triad

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



49.6036, 0.3568, 0.2885



49.6036, 0.3625, 0.4199



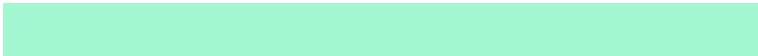
49.6036, 0.2211, 0.2802

Complementary

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



49.6036, 0.3568, 0.2885



78.1371, 0.2834, 0.3739

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.



49.6036, 0.2336, 0.3237



49.6036, 0.3568, 0.2885



49.6036, 0.3135, 0.4116

Square

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



49.6036, 0.3568, 0.2885



49.6036, 0.3999, 0.4005



49.6036, 0.2666, 0.3743



49.6036, 0.2302, 0.2547

Rectangle

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



49.6036, 0.3568, 0.2885



49.6036, 0.4118, 0.3521



49.6036, 0.2666, 0.3743



49.6036, 0.2229, 0.2930

Sweetspot

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



49.6059, 0.3568, 0.2885



83.9288, 0.3228, 0.3177



45.7351, 0.2846, 0.2357



17.5179, 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.



49.6059, 0.3568, 0.2885



47.2823, 0.3696, 0.2801



49.0421, 0.3926, 0.3323



16.6072, 0.3222, 0.3183



11.1014, 0.5162, 0.2617



0.9961, 0.4855, 0.2448

Inverse Universe

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



49.6059, 0.3568, 0.2885



47.2823, 0.3696, 0.2801



78.5462, 0.2639, 0.3257



16.6072, 0.3222, 0.3183



11.1014, 0.5162, 0.2617



0.9961, 0.4855, 0.2448

Previews

White Background



This preview shows how the Yxy color 49.6036, 0.3568, 0.2885 looks on a white background.

Color Contrast Check

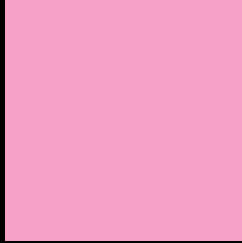
Large Text (above 18pt) WCAG AA × Fail

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 49.6036, 0.3568, 0.2885 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

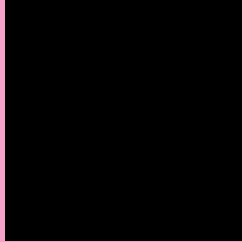
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.6036, 0.3568, 0.2885

Background



This preview shows how black text looks on a background with the Yxy color 49.6036, 0.3568, 0.2885.



This preview shows how white text looks on a background with the Yxy color 49.6036, 0.3568, 0.2885.

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

49.6036, 0.3568, 0.2885

Protanopia

49.9692, 0.2882, 0.2932

Deuteranopia

49.8589, 0.3177, 0.3120



Tritanopia

49.7199, 0.3749, 0.3161

Trichromacy



Original Color

49.6036, 0.3568, 0.2885



Protanomaly

49.0766, 0.3103, 0.2899



Deuteranomaly

49.4429, 0.3315, 0.3034



Tritanomaly

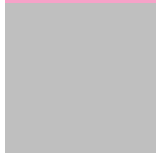
49.8679, 0.3685, 0.3064

Monochromacy



Original Color

49.6036, 0.3568, 0.2885



Achromatopsia

52.0996, 0.3127, 0.3290



Achromatomaly

50.3864, 0.3281, 0.3124

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.6036, 0.3568, 0.2885 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, 200)` looks like.

```
.text, #text, p{  
    color:rgb(246, 162, 200)  
}
```

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, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 162, 200) }
```

Border

The CSS property to change the border of an element to Yxy 49.6036, 0.3568, 0.2885 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, 200) }
```

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

```
.border{ border-color:rgb(246, 162, 200) }
```

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, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 162, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 162, 200);  
box-shadow:4px 4px 4px 4px rgb(246, 162,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 49.6036, 0.3568, 0.2885 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, 200) }
```

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

```
.background{ background-color: rgb(246,  
162, 200) }
```

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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