

Converting Colors

$Y_{xy}(49.2800, 0.3617, 0.3048)$

Have a look what the booklet for
Yxy(49.2800, 0.3617, 0.3048)
contains.

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Color

Yxy(49.4285, 0.3618, 0.3049)

Conversions

Conversions Part 1

Format	Color
Hex	F0A6BC
RGB	240, 166, 188
RGB Percent	94%, 65%, 74%
CMY	0.0588, 0.3490, 0.2627
CMYK	0.00, 0.31, 0.22, 0.06
HSL	342°, 71%, 80%
HSV	342°, 31%, 94%
XYZ	58.6528, 49.4285, 54.0325
YIQ	190.6340, 37.0420, 22.5300

Conversions

Conversions Part 2

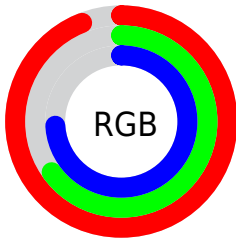
Format	Color
R_{YB}	240, 166, 188
Decimal	15771324
CIE _{Lab}	75.72, 30.35, -0.21
CIE _{LCh}	76, 30.352, 359.606
Yxy	49.4285, 0.3618, 0.3049
Android (android.graphics.Color)	4293961404 (0xFFFF0A6BC)
YUV	190.6340, -1.2986, 43.2940
Hunter-Lab	70.3054, 25.8804, 3.6470

Details

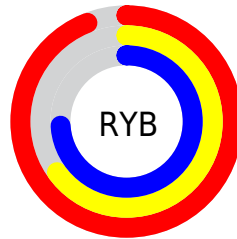
The Yxy color **49.4285, 0.3618, 0.3049** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **75.4970, 0.2798, 0.3548**, and the grayscale version is **51.8708, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.0342, 0.3215, 0.3074**, and **23.6268, 0.3757, 0.2978** is the 20% darker color. If you saturate the color by 10%, you get **40.8187, 0.3853, 0.2969**, and if you desaturate by 10%, it is **59.7561, 0.3424, 0.3131**.

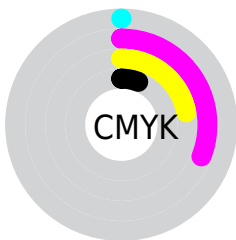
Distribution



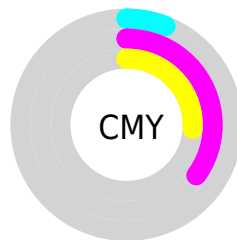
- Red (94%)
- Green (65%)
- Blue (74%)



- Red (94%)
- Yellow (65%)
- Blue (74%)



- Cyan (0%)
- Magenta (31%)
- Yellow (22%)
- Black (6%)





- Cyan (6%)
- Magenta (35%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.4285, 0.3618, 0.3049 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 49.4285, 0.3618, 0.3049 by changing the saturation by 10% instead.


 49.4285, 0.3618,
0.3049

 49.4285, 0.3618,
0.3049


384.4268, 0.3375,
0.3168

 34.9595, 0.3678,
0.3020


 89.3275, 0.3530,
0.3092

 23.6317, 0.3754,
0.2982


 115.5264, 0.3497,
0.3108

 15.0606, 0.3855,
0.2933


146.4040, 0.3469,
0.3122

 8.8620, 0.3994,
0.2865

182.3447, 0.3445,
0.3134

 4.6512, 0.4197,
0.2766

223.7329, 0.3424,
0.3144

 2.0441, 0.4522,
0.2607

270.9531, 0.3406,

 0.6329, 0.5200,

0.3153

0.2273

324.3896, 0.3390,
0.3161

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

49.4285, 0.3618,
0.3049

49.4285, 0.3618,
0.3049

40.8187, 0.3853,
0.2969

59.7561, 0.3424,
0.3131

33.8261, 0.4134,
0.2897

71.8811, 0.3266,
0.3210

28.3504, 0.4458,
0.2841

85.8865, 0.3137,
0.3284

24.2768, 0.4816,
0.2814

97.2677, 0.3035,
0.3290

■ 21.4743, 0.5187,
0.2827

■ 19.7865, 0.5536,
0.2887

■ 18.9876, 0.5812,
0.2975

Harmonies

Analogous

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



49.4285, 0.3209, 0.2786



49.4285, 0.3618, 0.3049



49.4285, 0.3896, 0.3377

Triad

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



49.4285, 0.3618, 0.3049



49.4285, 0.3418, 0.4039



49.4285, 0.2365, 0.2803

Complementary

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



49.4285, 0.3618, 0.3049



75.4970, 0.2798, 0.3548

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.



49.4285, 0.2413, 0.3124



49.4285, 0.3618, 0.3049



49.4285, 0.3005, 0.3883

Square

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



49.4285, 0.3618, 0.3049



49.4285, 0.3768, 0.3958



49.4285, 0.2641, 0.3530



49.4285, 0.2502, 0.2637

Rectangle

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



49.4285, 0.3618, 0.3049



49.4285, 0.3959, 0.3601



49.4285, 0.2641, 0.3530



49.4285, 0.2360, 0.2894

Sweetspot

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



49.4308, 0.3618, 0.3049



85.2260, 0.3240, 0.3223



48.4399, 0.2980, 0.2479



17.7667, 0.3261, 0.3212



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.



49.4308, 0.3618, 0.3049



50.2892, 0.3761, 0.2998



54.2478, 0.3778, 0.3456



15.8362, 0.3246, 0.3220



10.4131, 0.5771, 0.2953



0.8831, 0.5397, 0.2747

Inverse Universe

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



49.4308, 0.3618, 0.3049



50.2892, 0.3761, 0.2998



68.3633, 0.2664, 0.3116



15.8362, 0.3246, 0.3220



10.4131, 0.5771, 0.2953



0.8831, 0.5397, 0.2747

Previews

White Background



This preview shows how the Yxy color 49.4285, 0.3618, 0.3049 looks on a white background.

Color Contrast Check

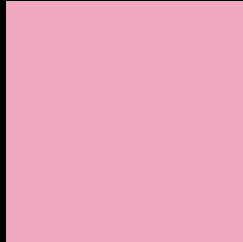
Large Text (above 18pt) WCAG AA × Fail

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 49.4285, 0.3618, 0.3049 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 49.4285, 0.3618, 0.3049

Background



This preview shows how black text looks on a background with the Yxy color 49.4285, 0.3618, 0.3049.



This preview shows how white text looks on a background with the Yxy color 49.4285, 0.3618, 0.3049.

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

49.4285, 0.3618, 0.3049

Protanopia

49.8527, 0.3029, 0.3115

Deuteranopia

49.6723, 0.3311, 0.3242



Tritanopia

49.2834, 0.3682, 0.3147

Trichromacy



Original Color

49.4285, 0.3618, 0.3049

Protanomaly

49.3475, 0.3223, 0.3086

Deuteranomaly

49.5013, 0.3417, 0.3173

Tritanomaly

49.4071, 0.3653, 0.3114

Monochromacy



Original Color

49.4285, 0.3618, 0.3049

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

50.7289, 0.3295, 0.3195

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.4285, 0.3618, 0.3049 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(240, 166, 188)` looks like.

```
.text, #text, p{  
    color:rgb(240, 166, 188)  
}
```

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(240, 166, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 166, 188) }
```

Border

The CSS property to change the border of an element to Yxy 49.4285, 0.3618, 0.3049 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(240, 166, 188) }
```

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

```
.border{ border-color:rgb(240, 166, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 166, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 166, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 166, 188);  
box-shadow:4px 4px 4px 4px rgb(240, 166,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 49.4285, 0.3618, 0.3049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 166, 188) }
```

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

```
.background{ background-color: rgb(240,  
166, 188) }
```

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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