

Converting Colors

$Yxy(48.6147, 0.3579, 0.2998)$

Have a look what the booklet for
Yxy(48.6147, 0.3579, 0.2998)
contains.

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Color

Yxy(48.4896, 0.3576, 0.2993)

Conversions

Conversions Part 1

Format	Color
Hex	EEA4BF
RGB	238, 164, 191
RGB Percent	93%, 64%, 75%
CMY	0.0667, 0.3568, 0.2510
CMYK	0.00, 0.31, 0.20, 0.07
HSL	338°, 68%, 79%
HSV	338°, 31%, 93%
XYZ	57.9348, 48.4896, 55.5856
YIQ	189.2040, 35.4370, 24.0850

Conversions

Conversions Part 2

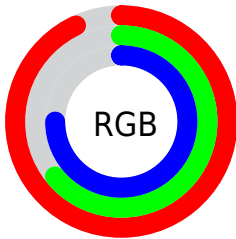
Format	Color
R _Y B	238, 164, 191
Decimal	15639743
CIE Lab	75.13, 31.13, -2.72
CIE LCh	75, 31.245, 355.007
Yxy	48.4896, 0.3576, 0.2993
Android (android.graphics.Color)	4293829823 (0xFFEEA4BF)
YUV	189.2040, 0.8854, 42.7941
Hunter-Lab	69.6345, 26.6489, 1.4160

Details

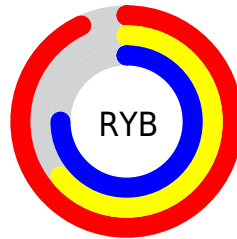
The Yxy color **48.4896, 0.3576, 0.2993** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **73.7407, 0.2823, 0.3611**, and the grayscale version is **50.9922, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.1618, 0.3196, 0.3025**, and **23.0276, 0.3698, 0.2904** is the 20% darker color. If you saturate the color by 10%, you get **40.1233, 0.3787, 0.2895**, and if you desaturate by 10%, it is **58.5230, 0.3401, 0.3093**.

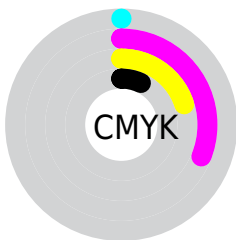
Distribution



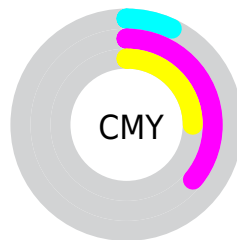
- Red (93%)
- Green (64%)
- Blue (75%)



- Red (93%)
- Yellow (64%)
- Blue (75%)



- Cyan (0%)
- Magenta (31%)
- Yellow (20%)
- Black (7%)





- Cyan (7%)
- Magenta (36%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.4896, 0.3576, 0.2993 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 48.4896, 0.3576, 0.2993 by changing the saturation by 10% instead.


 48.4896, 0.3576,
0.2993


 48.4896, 0.3576,
0.2993


380.7295, 0.3354,
0.3138

 34.2148, 0.3631,
0.2958


 87.9329, 0.3496,
0.3045

 23.0586, 0.3700,
0.2913

 113.8702, 0.3466,
0.3065

 14.6368, 0.3792,
0.2854


144.4638, 0.3440,
0.3082

 8.5649, 0.3918,
0.2774

180.0980, 0.3418,
0.3096

 4.4585, 0.4103,
0.2657

221.1573, 0.3399,
0.3109

 1.9332, 0.4399,
0.2475

268.0260, 0.3382,

 0.5682, 0.5020,

0.3120

0.2055

321.0887, 0.3367,
0.3130

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

48.4896, 0.3576,
0.2993

48.4896, 0.3576,
0.2993

40.1233, 0.3787,
0.2895

58.5230, 0.3401,
0.3093

33.3261, 0.4037,
0.2806

70.3008, 0.3256,
0.3189

28.0002, 0.4326,
0.2734

83.9036, 0.3139,
0.3280

24.0341, 0.4644,
0.2694

96.6901, 0.3043,
0.3324

■ 21.2998, 0.4977,
0.2697

■ 96.9152, 0.3023,
0.3290

■ 19.6446, 0.5300,
0.2751

■ 18.8595, 0.5560,
0.2837

Harmonies

Analogous

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



48.4896, 0.3143, 0.2737



48.4896, 0.3576, 0.2993



48.4896, 0.3894, 0.3325

Triad

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



48.4896, 0.3576, 0.2993



48.4896, 0.3490, 0.4069



48.4896, 0.2335, 0.2826

Complementary

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



48.4896, 0.3576, 0.2993



73.7407, 0.2823, 0.3611

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.



48.4896, 0.2413, 0.3178



48.4896, 0.3576, 0.2993



48.4896, 0.3065, 0.3947

Square

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



48.4896, 0.3576, 0.2993



48.4896, 0.3833, 0.3950



48.4896, 0.2674, 0.3603



48.4896, 0.2447, 0.2629

Rectangle

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



48.4896, 0.3576, 0.2993



48.4896, 0.3984, 0.3557



48.4896, 0.2674, 0.3603



48.4896, 0.2340, 0.2928

Sweetspot

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



48.4919, 0.3576, 0.2993



85.3175, 0.3230, 0.3208



46.5571, 0.2938, 0.2463



17.7891, 0.3249, 0.3195



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.



48.4919, 0.3576, 0.2993



50.5698, 0.3699, 0.2933



51.0807, 0.3801, 0.3402



15.8541, 0.3236, 0.3204



10.5455, 0.5519, 0.2814



0.8958, 0.5158, 0.2615

Inverse Universe

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



48.4919, 0.3576, 0.2993



50.5698, 0.3699, 0.2933



69.6223, 0.2668, 0.3174



15.8541, 0.3236, 0.3204



10.5455, 0.5519, 0.2814



0.8958, 0.5158, 0.2615

Previews

White Background



This preview shows how the Yxy color 48.4896, 0.3576, 0.2993 looks on a white background.

Color Contrast Check

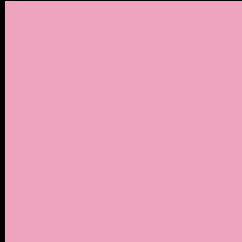
Large Text (above 18pt) WCAG AA × Fail

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 48.4896, 0.3576, 0.2993 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

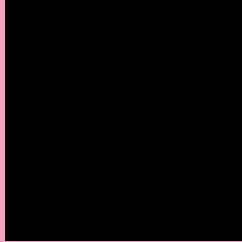
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.4896, 0.3576, 0.2993

Background



This preview shows how black text looks on a background with the Yxy color 48.4896, 0.3576, 0.2993.



This preview shows how white text looks on a background with the Yxy color 48.4896, 0.3576, 0.2993.

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

48.4896, 0.3576, 0.2993

Protanopia

48.6601, 0.2975, 0.3051

Deuteranopia

48.8299, 0.3253, 0.3192



Tritanopia

48.5316, 0.3676, 0.3146

Trichromacy



Original Color

48.4896, 0.3576, 0.2993

Protanomaly

48.2643, 0.3174, 0.3024

Deuteranomaly

48.3933, 0.3367, 0.3113

Tritanomaly

48.3337, 0.3640, 0.3091

Monochromacy



Original Color

48.4896, 0.3576, 0.2993

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

49.6256, 0.3280, 0.3170

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.4896, 0.3576, 0.2993 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(238, 164, 191)` looks like.

```
.text, #text, p{  
    color:rgb(238, 164, 191)  
}
```

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(238, 164, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 164, 191) }
```

Border

The CSS property to change the border of an element to Yxy 48.4896, 0.3576, 0.2993 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(238, 164, 191) }
```

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

```
.border{ border-color:rgb(238, 164, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 164, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 164, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 164, 191);  
box-shadow:4px 4px 4px 4px rgb(238, 164,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 48.4896, 0.3576, 0.2993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 164, 191) }
```

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

```
.background{ background-color: rgb(238,  
164, 191) }
```

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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