

Converting Colors

$Yxy(48.4976, 0.3468, 0.3080)$

Have a look what the booklet for
Yxy(48.4976, 0.3468, 0.3080)
contains.

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Color

Yxy(48.4311, 0.3464, 0.3072)

Conversions

Conversions Part 1

Format	Color
Hex	E1AABD
RGB	225, 170, 189
RGB Percent	88%, 67%, 74%
CMY	0.1176, 0.3333, 0.2588
CMYK	0.00, 0.24, 0.16, 0.12
HSL	339°, 48%, 77%
HSV	339°, 24%, 88%
XYZ	54.6111, 48.4311, 54.6111
YIQ	188.6110, 26.6810, 17.5690

Conversions

Conversions Part 2

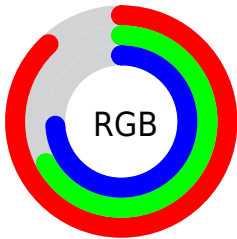
Format	Color
R _Y B	225, 170, 189
Decimal	14789309
CIE Lab	75.10, 23.02, -1.84
CIE LCh	75, 23.090, 355.423
Yxy	48.4311, 0.3464, 0.3072
Android (android.graphics.Color)	4292979389 (0xFFE1AABD)
YUV	188.6110, 0.1918, 31.9132
Hunter-Lab	69.5925, 18.2870, 2.1882

Details

The Yxy color **48.4311, 0.3464, 0.3072** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **66.8547, 0.2877, 0.3520**, and the grayscale version is **50.6438, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.2453, 0.3205, 0.3104**, and **22.9352, 0.3556, 0.3002** is the 20% darker color. If you saturate the color by 10%, you get **40.0991, 0.3656, 0.2978**, and if you desaturate by 10%, it is **58.2761, 0.3306, 0.3165**.

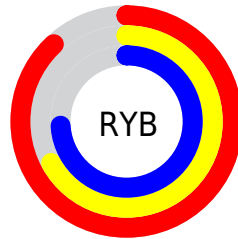
Distribution



Red (88%)

Green (67%)

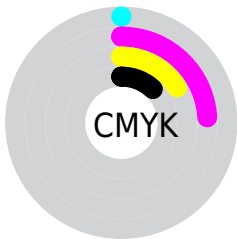
Blue (74%)



Red (88%)

Yellow (67%)

Blue (74%)

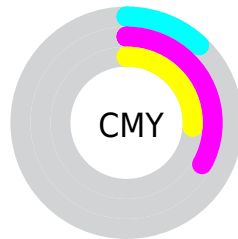


Cyan (0%)

Magenta (24%)

Yellow (16%)

Black (12%)



Cyan (12%)


Magenta (33%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.4311, 0.3464, 0.3072 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 48.4311, 0.3464, 0.3072 by changing the saturation by 10% instead.


 48.4311, 0.3464,
0.3072

 48.4311, 0.3464,
0.3072


380.4984, 0.3297,
0.3179

 34.1684, 0.3505,
0.3046


 87.8459, 0.3404,
0.3111

 23.0230, 0.3558,
0.3012


113.7668, 0.3381,
0.3125

 14.6105, 0.3627,
0.2968


144.3426, 0.3362,
0.3138

 8.5465, 0.3724,
0.2908

179.9577, 0.3345,
0.3148

 4.4466, 0.3866,
0.2819

220.9964, 0.3331,
0.3158

 1.9264, 0.4095,
0.2678

267.8431, 0.3318,

 0.5642, 0.4625,

0.3166

0.2320

320.8823, 0.3307,
0.3173

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

48.4311, 0.3464,
0.3072

48.4311, 0.3464,
0.3072

40.0991, 0.3656,
0.2978

58.2761, 0.3306,
0.3165

33.1982, 0.3887,
0.2887

69.6976, 0.3177,
0.3253

27.6484, 0.4158,
0.2807

82.7636, 0.3071,
0.3335

23.3595, 0.4467,
0.2749

94.3001, 0.2985,
0.3361

■ 20.2299, 0.4803,
0.2725

■ 94.7478, 0.2946,
0.3289

■ 18.1421, 0.5145,
0.2747

■ 16.9531, 0.5465,
0.2819

■ 16.5535, 0.5627,
0.2874

Harmonies

Analogous

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



48.4311, 0.3147, 0.2874



48.4311, 0.3464, 0.3072



48.4311, 0.3694, 0.3327

Triad

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



48.4311, 0.3464, 0.3072



48.4311, 0.3398, 0.3860



48.4311, 0.2530, 0.2948

Complementary

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



48.4311, 0.3464, 0.3072



66.8547, 0.2877, 0.3520

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.



48.4311, 0.2590, 0.3210



48.4311, 0.3464, 0.3072



48.4311, 0.3082, 0.3763

Square

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



48.4311, 0.3464, 0.3072



48.4311, 0.3650, 0.3787



48.4311, 0.2788, 0.3516



48.4311, 0.2619, 0.2795

Rectangle

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



48.4311, 0.3464, 0.3072



48.4311, 0.3759, 0.3503



48.4311, 0.2788, 0.3516



48.4311, 0.2534, 0.3025

Sweetspot

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



48.4333, 0.3464, 0.3072



88.4053, 0.3208, 0.3230



47.2744, 0.2994, 0.2653



18.7192, 0.3215, 0.3225



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.



48.4333, 0.3464, 0.3072



58.8128, 0.3551, 0.3027



50.8526, 0.3616, 0.3387



13.7783, 0.3238, 0.3209



9.5586, 0.5586, 0.2851



0.6790, 0.5155, 0.2613

Inverse Universe

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



48.4333, 0.3464, 0.3072



58.8128, 0.3551, 0.3027



63.4810, 0.2760, 0.3190



13.7783, 0.3238, 0.3209



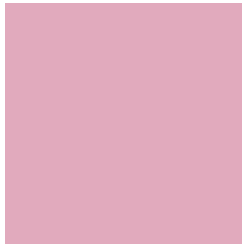
9.5586, 0.5586, 0.2851



0.6790, 0.5155, 0.2613

Previews

White Background



This preview shows how the Yxy color 48.4311, 0.3464, 0.3072 looks on a white background.

Color Contrast Check

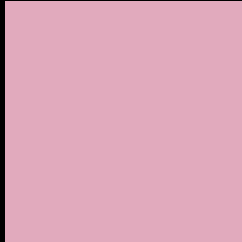
Large Text (above 18pt) WCAG AA × Fail

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 48.4311, 0.3464, 0.3072 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 48.4311, 0.3464, 0.3072

Background



This preview shows how black text looks on a background with the Yxy color 48.4311, 0.3464, 0.3072.



This preview shows how white text looks on a background with the Yxy color 48.4311, 0.3464, 0.3072.

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

48.4311, 0.3464, 0.3072

Protanopia

48.6265, 0.3036, 0.3126

Deuteranopia

48.3846, 0.3262, 0.3192



Tritanopia

48.4338, 0.3498, 0.3140

Trichromacy



Original Color

48.4311, 0.3464, 0.3072

Protanomaly

48.4146, 0.3187, 0.3106

Deuteranomaly

48.3831, 0.3328, 0.3146

Tritanomaly

48.5183, 0.3480, 0.3117

Monochromacy



Original Color

48.4311, 0.3464, 0.3072

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

49.6866, 0.3242, 0.3205

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.4311, 0.3464, 0.3072 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(225, 170, 189)` looks like.

```
.text, #text, p{  
    color:rgb(225, 170, 189)  
}
```

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(225, 170, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 170, 189) }
```

Border

The CSS property to change the border of an element to Yxy 48.4311, 0.3464, 0.3072 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(225, 170, 189) }
```

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

```
.border{ border-color:rgb(225, 170, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 170, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 170, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 170, 189);  
box-shadow:4px 4px 4px 4px rgb(225, 170,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 48.4311, 0.3464, 0.3072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 170, 189) }
```

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

```
.background{ background-color: rgb(225,  
170, 189) }
```

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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