

Converting Colors

$Yxy(47.0928, 0.3599, 0.3228)$

Have a look what the booklet for
Yxy(47.0928, 0.3599, 0.3228)
contains.

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Color

Yxy(46.9085, 0.3597, 0.3221)

Conversions

Conversions Part 1

Format	Color
Hex	E0A8AE
RGB	224, 168, 174
RGB Percent	88%, 66%, 68%
CMY	0.1216, 0.3412, 0.3176
CMYK	0.00, 0.25, 0.22, 0.12
HSL	354°, 47%, 77%
HSV	354°, 25%, 88%
XYZ	52.3843, 46.9085, 46.3405
YIQ	185.4280, 31.4500, 13.7380

Conversions

Conversions Part 2

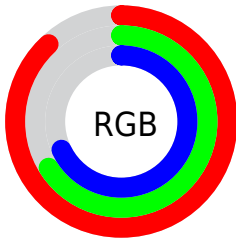
Format	Color
R _Y B	224, 168, 174
Decimal	14723246
CIE Lab	74.13, 21.45, 4.96
CIE LCh	74, 22.013, 13.018
Yxy	46.9085, 0.3597, 0.3221
Android (android.graphics.Color)	4292913326 (0xFFE0A8AE)
YUV	185.4280, -5.6340, 33.8276
Hunter-Lab	68.4898, 16.6684, 7.8269

Details

The Yxy color **46.9085, 0.3597, 0.3221** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **66.7007, 0.2795, 0.3361**, and the grayscale version is **48.7868, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.6925, 0.3315, 0.3231**, and **22.2208, 0.3730, 0.3199** is the 20% darker color. If you saturate the color by 10%, you get **38.6168, 0.3868, 0.3192**, and if you desaturate by 10%, it is **56.7453, 0.3378, 0.3250**.

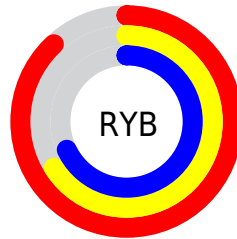
Distribution



Red (88%)

Green (66%)

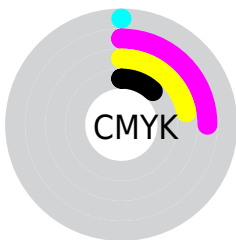
Blue (68%)



Red (88%)

Yellow (66%)

Blue (68%)

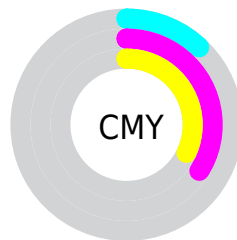


Cyan (0%)

Magenta (25%)

Yellow (22%)

Black (12%)



Cyan (12%)

Magenta (34%)

Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.9085, 0.3597, 0.3221 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 46.9085, 0.3597, 0.3221 by changing the saturation by 10% instead.


 46.9085, 0.3597,
0.3221

 46.9085, 0.3597,
0.3221


374.4492, 0.3361,
0.3258

 32.9633, 0.3656,
0.3211


 85.5770, 0.3511,
0.3235

 22.0984, 0.3733,
0.3197


 111.0692, 0.3479,
0.3240

 13.9292, 0.3834,
0.3178


141.1791, 0.3451,
0.3245

 8.0714, 0.3977,
0.3150

176.2912, 0.3428,
0.3248

 4.1407, 0.4190,
0.3105

216.7898, 0.3408,
0.3251

 1.7526, 0.4543,
0.3022

263.0595, 0.3390,

 0.4573, 0.6129,

0.3254

0.2909

315.4844, 0.3375,
0.3256

0.0000, 0.0000,
0.0000

46.9085, 0.3597,
0.3221

46.9085, 0.3597,
0.3221

38.6168, 0.3868,
0.3192

56.7453, 0.3378,
0.3250

31.7856, 0.4198,
0.3166

68.1932, 0.3202,
0.3277

26.3320, 0.4588,
0.3145

81.3225, 0.3060,
0.3302

22.1623, 0.5025,
0.3136

94.5239, 0.2946,
0.3299

19.1710, 0.5476,
0.3144

94.5879, 0.2940,
0.3289

■ 17.2358, 0.5883,
0.3172

■ 16.2075, 0.6186,
0.3218

■ 15.9139, 0.6291,
0.3239

Harmonies

Analogous

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



46.9085, 0.3331, 0.2991



46.9085, 0.3597, 0.3221



46.9085, 0.3733, 0.3477

Triad

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



46.9085, 0.3597, 0.3221



46.9085, 0.3212, 0.3804



46.9085, 0.2584, 0.2859

Complementary

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



46.9085, 0.3597, 0.3221



66.7007, 0.2795, 0.3361

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.



46.9085, 0.2558, 0.3055



46.9085, 0.3597, 0.3221



46.9085, 0.2910, 0.3619

Square

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



46.9085, 0.3597, 0.3221



46.9085, 0.3501, 0.3829



46.9085, 0.2674, 0.3336



46.9085, 0.2749, 0.2784

Rectangle

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



46.9085, 0.3597, 0.3221



46.9085, 0.3727, 0.3634



46.9085, 0.2674, 0.3336



46.9085, 0.2559, 0.2912

Sweetspot

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



46.9107, 0.3597, 0.3221



88.1510, 0.3235, 0.3272



48.2124, 0.3101, 0.2659



18.6605, 0.3245, 0.3270



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.



46.9107, 0.3597, 0.3221



56.8752, 0.3731, 0.3206



55.2731, 0.3593, 0.3540



13.7243, 0.3275, 0.3265



9.2708, 0.6268, 0.3227



0.6508, 0.5964, 0.3059

Inverse Universe

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



46.9107, 0.3597, 0.3221



56.8752, 0.3731, 0.3206



56.2008, 0.2738, 0.3026



13.7243, 0.3275, 0.3265



9.2708, 0.6268, 0.3227



0.6508, 0.5964, 0.3059

Previews

White Background



This preview shows how the Yxy color 46.9085, 0.3597, 0.3221 looks on a white background.

Color Contrast Check

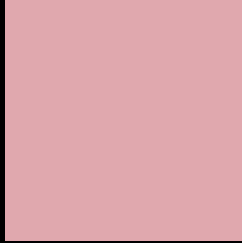
Large Text (above 18pt) WCAG AA × Fail

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 46.9085, 0.3597, 0.3221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

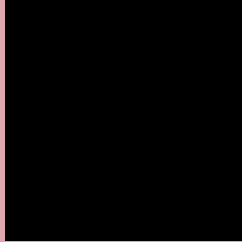
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.9085, 0.3597, 0.3221

Background



This preview shows how black text looks on a background with the Yxy color 46.9085, 0.3597, 0.3221.



This preview shows how white text looks on a background with the Yxy color 46.9085, 0.3597, 0.3221.

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

46.9085, 0.3597, 0.3221

Protanopia

47.2724, 0.3161, 0.3290

Deuteranopia

46.8666, 0.3412, 0.3341



Tritanopia

46.9403, 0.3553, 0.3140

Trichromacy



Original Color

46.9085, 0.3597, 0.3221

Protanomaly

46.9783, 0.3314, 0.3266

Deuteranomaly

46.7532, 0.3474, 0.3291

Tritanomaly

46.8593, 0.3571, 0.3163

Monochromacy



Original Color

46.9085, 0.3597, 0.3221

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

47.7185, 0.3286, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.9085, 0.3597, 0.3221 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(224, 168, 174)` looks like.

```
.text, #text, p{  
    color:rgb(224, 168, 174)  
}
```

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(224, 168, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 168, 174) }
```

Border

The CSS property to change the border of an element to Yxy 46.9085, 0.3597, 0.3221 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(224, 168, 174) }
```

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

```
.border{ border-color:rgb(224, 168, 174) }
```

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

Here you see how a box with a 4 pixel rgb(224, 168, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 168, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 168, 174);  
box-shadow:4px 4px 4px 4px rgb(224, 168,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 46.9085, 0.3597, 0.3221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 168, 174) }
```

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

```
.background{ background-color: rgb(224,  
168, 174) }
```

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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