

Converting Colors

$Yxy(46.9191, 0.3608, 0.3232)$

Have a look what the booklet for
Yxy(46.9191, 0.3608, 0.3232)
contains.

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Color

Yxy(46.8697, 0.3606, 0.3233)

Conversions

Conversions Part 1

Format	Color
Hex	E0A8AD
RGB	224, 168, 173
RGB Percent	88%, 66%, 68%
CMY	0.1217, 0.3411, 0.3216
CMYK	0.00, 0.25, 0.23, 0.12
HSL	355°, 47%, 77%
HSV	355°, 25%, 88%
XYZ	52.2772, 46.8697, 45.8259
YIQ	185.3140, 31.7710, 13.4270

Conversions

Conversions Part 2

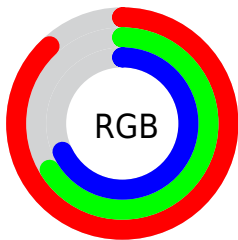
Format	Color
R _Y B	224, 168, 173
Decimal	14723245
CIE Lab	74.11, 21.27, 5.47
CIE LCh	74, 21.968, 14.431
Yxy	46.8697, 0.3606, 0.3233
Android (android.graphics.Color)	4292913325 (0xFFE0A8AD)
YUV	185.3140, -6.0708, 33.9276
Hunter-Lab	68.4614, 16.4951, 8.2362

Details

The Yxy color **46.8697, 0.3606, 0.3233** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **66.7323, 0.2789, 0.3349**, and the grayscale version is **48.7211, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.6368, 0.3322, 0.3241**, and **22.1961, 0.3743, 0.3214** is the 20% darker color. If you saturate the color by 10%, you get **38.5705, 0.3883, 0.3209**, and if you desaturate by 10%, it is **56.7180, 0.3382, 0.3257**.

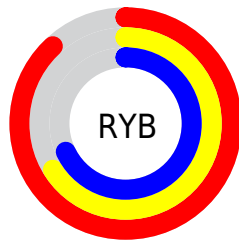
Distribution



Red (88%)

Green (66%)

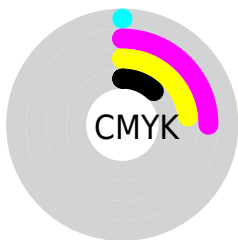
Blue (68%)



Red (88%)

Yellow (66%)

Blue (68%)

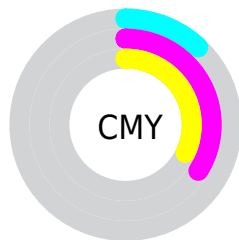


Cyan (0%)

Magenta (25%)

Yellow (23%)

Black (12%)



Cyan (12%)


Magenta (34%)

Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.8697, 0.3606, 0.3233 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 46.8697, 0.3606, 0.3233 by changing the saturation by 10% instead.


 46.8697, 0.3606,
0.3233

 46.8697, 0.3606,
0.3233


374.2942, 0.3365,
0.3265

 32.9327, 0.3666,
0.3224


 85.5191, 0.3518,
0.3245

 22.0749, 0.3744,
0.3212


 111.0002, 0.3485,
0.3250

 13.9119, 0.3848,
0.3195


141.0982, 0.3458,
0.3253

 8.0594, 0.3994,
0.3170

176.1974, 0.3434,
0.3256

 4.1330, 0.4212,
0.3128

216.6822, 0.3413,
0.3259

 1.7482, 0.4572,
0.3051

262.9370, 0.3395,

 0.4546, 0.6278,

0.3261

0.2985

315.3462, 0.3379,
0.3263

0.0000, 0.0000,
0.0000

46.8697, 0.3606,
0.3233

46.8697, 0.3606,
0.3233

38.5705, 0.3883,
0.3209

56.7180, 0.3382,
0.3257

31.7355, 0.4220,
0.3187

68.1818, 0.3203,
0.3279

26.2815, 0.4618,
0.3171

81.3314, 0.3059,
0.3300

22.1144, 0.5063,
0.3164

94.5565, 0.2942,
0.3293

19.1284, 0.5519,
0.3172

94.5814, 0.2940,
0.3289

■ 17.2005, 0.5925,
0.3197

■ 16.1811, 0.6218,
0.3237

■ 15.8916, 0.6317,
0.3253

Harmonies

Analogous

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



46.8697, 0.3345, 0.3001



46.8697, 0.3606, 0.3233



46.8697, 0.3734, 0.3488

Triad

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



46.8697, 0.3606, 0.3233



46.8697, 0.3198, 0.3798



46.8697, 0.2590, 0.2853

Complementary

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



46.8697, 0.3606, 0.3233



66.7323, 0.2789, 0.3349

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.



46.8697, 0.2557, 0.3044



46.8697, 0.3606, 0.3233



46.8697, 0.2897, 0.3606

Square

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



46.8697, 0.3606, 0.3233



46.8697, 0.3489, 0.3830



46.8697, 0.2666, 0.3321



46.8697, 0.2760, 0.2784

Rectangle

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



46.8697, 0.3606, 0.3233



46.8697, 0.3723, 0.3643



46.8697, 0.2666, 0.3321



46.8697, 0.2563, 0.2904

Sweetspot

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



46.8719, 0.3606, 0.3233



88.1318, 0.3237, 0.3275



48.3555, 0.3109, 0.2661



18.6561, 0.3247, 0.3273



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.



46.8719, 0.3606, 0.3233



56.8159, 0.3744, 0.3220



55.6691, 0.3590, 0.3550



13.7202, 0.3278, 0.3269



9.2607, 0.6297, 0.3242



0.6488, 0.6032, 0.3097

Inverse Universe

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



46.8719, 0.3606, 0.3233



56.8159, 0.3744, 0.3220



55.7543, 0.2737, 0.3014



13.7202, 0.3278, 0.3269



9.2607, 0.6297, 0.3242



0.6488, 0.6032, 0.3097

Previews

White Background



This preview shows how the Yxy color 46.8697, 0.3606, 0.3233 looks on a white background.

Color Contrast Check

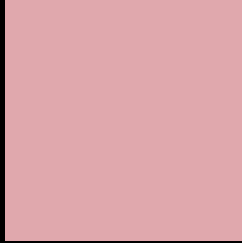
Large Text (above 18pt) WCAG AA × Fail

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 46.8697, 0.3606, 0.3233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

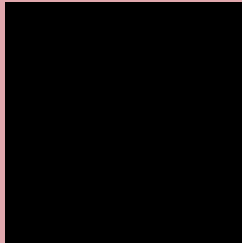
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.8697, 0.3606, 0.3233

Background



This preview shows how black text looks on a background with the Yxy color 46.8697, 0.3606, 0.3233.



This preview shows how white text looks on a background with the Yxy color 46.8697, 0.3606, 0.3233.

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

46.8697, 0.3606, 0.3233

Protanopia

47.2312, 0.3169, 0.3303

Deuteranopia

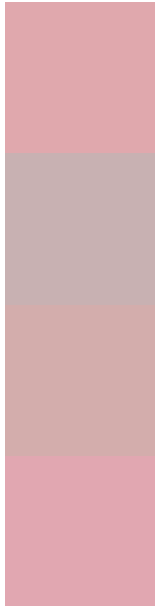
46.8283, 0.3421, 0.3353



Tritanopia

46.9403, 0.3553, 0.3140

Trichromacy



Original Color

46.8697, 0.3606, 0.3233

Protanomaly

46.9380, 0.3323, 0.3278

Deuteranomaly

46.7146, 0.3483, 0.3303

Tritanomaly

46.8193, 0.3581, 0.3175

Monochromacy



Original Color

46.8697, 0.3606, 0.3233

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 46.8697, 0.3606, 0.3233 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, 173)` looks like.

```
.text, #text, p{  
    color:rgb(224, 168, 173)  
}
```

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, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 168, 173) }
```

Border

The CSS property to change the border of an element to Yxy 46.8697, 0.3606, 0.3233 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, 173) }
```

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

```
.border{ border-color:rgb(224, 168, 173) }
```

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, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(224, 168, 173); -webkit-box-shadow:4px 4px 4px 4px rgb(224, 168, 173); box-shadow:4px 4px 4px 4px rgb(224, 168, 173) }
```


Background

The CSS property to change the background color of an element to Yxy 46.8697, 0.3606, 0.3233 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, 173) }
```

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

```
.background{ background-color: rgb(224,  
168, 173) }
```

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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