

Converting Colors

$Y_{xy}(48.9524, 0.3651, 0.3238)$

Have a look what the booklet for
Yxy(48.9524, 0.3651, 0.3238)
contains.

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Color

Yxy(48.8335, 0.3647, 0.3234)

Conversions

Conversions Part 1

Format	Color
Hex	E7AAAF
RGB	231, 170, 175
RGB Percent	91%, 67%, 69%
CMY	0.0941, 0.3333, 0.3136
CMYK	0.00, 0.26, 0.24, 0.09
HSL	355°, 56%, 79%
HSV	355°, 26%, 91%
XYZ	55.0698, 48.8335, 47.0970
YIQ	188.8090, 34.7510, 14.4870

Conversions

Conversions Part 2

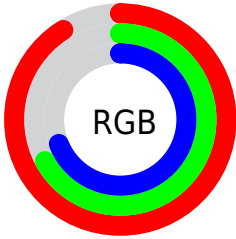
Format	Color
R _Y B	231, 170, 175
Decimal	15182511
CIE Lab	75.35, 23.09, 6.24
CIE LCh	75, 23.922, 15.125
Yxy	48.8335, 0.3647, 0.3234
Android (android.graphics.Color)	4293372591 (0xFFE7AAAF)
YUV	188.8090, -6.8078, 37.0015
Hunter-Lab	69.8810, 18.3755, 8.9576

Details

The Yxy color **48.8335, 0.3647, 0.3234** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **71.1872, 0.2769, 0.3348**, and the grayscale version is **50.8010, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.3659, 0.3305, 0.3251**, and **23.1513, 0.3788, 0.3202** is the 20% darker color. If you saturate the color by 10%, you get **40.1538, 0.3935, 0.3212**, and if you desaturate by 10%, it is **59.1701, 0.3414, 0.3256**.

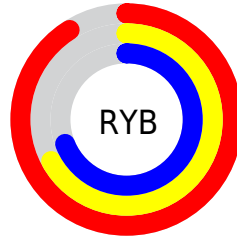
Distribution



Red (91%)

Green (67%)

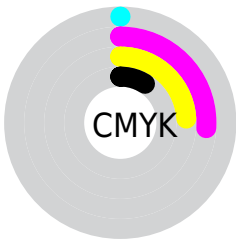
Blue (69%)



Red (91%)

Yellow (67%)

Blue (69%)

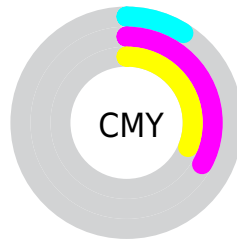


Cyan (0%)

Magenta (26%)

Yellow (24%)

Black (9%)



Cyan (9%)


Magenta (33%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.8335, 0.3647, 0.3234 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 48.8335, 0.3647, 0.3234 by changing the saturation by 10% instead.


 48.8335, 0.3647,
0.3234

 48.8335, 0.3647,
0.3234


382.0865, 0.3387,
0.3266

 34.4874, 0.3712,
0.3225


 88.4441, 0.3553,
0.3246

 23.2683, 0.3795,
0.3213


114.4774, 0.3517,
0.3251

 14.7917, 0.3905,
0.3196


145.1753, 0.3487,
0.3254

 8.6734, 0.4058,
0.3170

180.9221, 0.3462,
0.3257

 4.5287, 0.4285,
0.3128

222.1022, 0.3439,
0.3260

 1.9735, 0.4653,
0.3049

269.1001, 0.3420,

 0.5920, 0.5917,

0.3262

0.3021

322.3000, 0.3403,
0.3264

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

48.8335, 0.3647,
0.3234

48.8335, 0.3647,
0.3234

40.1538, 0.3935,
0.3212

59.1701, 0.3414,
0.3256

33.0384, 0.4285,
0.3193

71.2363, 0.3227,
0.3277

27.3962, 0.4696,
0.3178

85.1086, 0.3077,
0.3297

23.1239, 0.5149,
0.3174

95.7288, 0.2982,
0.3290

■ 20.1046, 0.5603,
0.3184

■ 18.2023, 0.5995,
0.3211

■ 17.2467, 0.6262,
0.3249

■ 17.0360, 0.6327,
0.3259

Harmonies

Analogous

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



48.8335, 0.3368, 0.2986



48.8335, 0.3647, 0.3234



48.8335, 0.3780, 0.3507

Triad

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



48.8335, 0.3647, 0.3234



48.8335, 0.3194, 0.3835



48.8335, 0.2555, 0.2818

Complementary

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



48.8335, 0.3647, 0.3234



71.1872, 0.2769, 0.3348

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.



48.8335, 0.2516, 0.3018



48.8335, 0.3647, 0.3234



48.8335, 0.2873, 0.3624

Square

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



48.8335, 0.3647, 0.3234



48.8335, 0.3508, 0.3872



48.8335, 0.2629, 0.3315



48.8335, 0.2739, 0.2749

Rectangle

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



48.8335, 0.3647, 0.3234



48.8335, 0.3765, 0.3672



48.8335, 0.2629, 0.3315



48.8335, 0.2525, 0.2871

Sweetspot

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



48.8358, 0.3647, 0.3234



86.5204, 0.3255, 0.3274



50.6752, 0.3115, 0.2625



18.0114, 0.3281, 0.3271



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.



48.8358, 0.3647, 0.3234



54.6013, 0.3806, 0.3221



59.1090, 0.3621, 0.3578



14.3872, 0.3280, 0.3271



9.5579, 0.6307, 0.3248



0.7130, 0.6072, 0.3118

Inverse Universe

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



48.8358, 0.3647, 0.3234



54.6013, 0.3806, 0.3221



58.2585, 0.2713, 0.2983



14.3872, 0.3280, 0.3271



9.5579, 0.6307, 0.3248



0.7130, 0.6072, 0.3118

Previews

White Background



This preview shows how the Yxy color 48.8335, 0.3647, 0.3234 looks on a white background.

Color Contrast Check

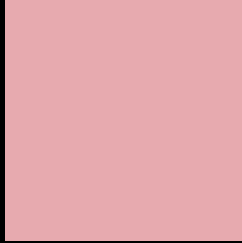
Large Text (above 18pt) WCAG AA × Fail

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 48.8335, 0.3647, 0.3234 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 48.8335, 0.3647, 0.3234

Background



This preview shows how black text looks on a background with the Yxy color 48.8335, 0.3647, 0.3234.



This preview shows how white text looks on a background with the Yxy color 48.8335, 0.3647, 0.3234.

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

48.8335, 0.3647, 0.3234

Protanopia

49.0640, 0.3185, 0.3316

Deuteranopia

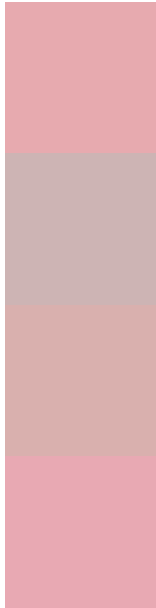
48.8126, 0.3443, 0.3364



Tritanopia

48.9091, 0.3594, 0.3144

Trichromacy



Original Color

48.8335, 0.3647, 0.3234

Protanomaly

48.9169, 0.3346, 0.3291

Deuteranomaly

48.8584, 0.3513, 0.3315

Tritanomaly

48.7864, 0.3622, 0.3178

Monochromacy



Original Color

48.8335, 0.3647, 0.3234

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

49.7540, 0.3301, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.8335, 0.3647, 0.3234 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(231, 170, 175)` looks like.

```
.text, #text, p{  
    color:rgb(231, 170, 175)  
}
```

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(231, 170, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 170, 175) }
```

Border

The CSS property to change the border of an element to Yxy 48.8335, 0.3647, 0.3234 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(231, 170, 175) }
```

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

```
.border{ border-color:rgb(231, 170, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 170, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 170, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 170, 175);  
box-shadow:4px 4px 4px 4px rgb(231, 170,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 48.8335, 0.3647, 0.3234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 170, 175) }
```

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

```
.background{ background-color: rgb(231,  
170, 175) }
```

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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