

Converting Colors

$Yxy(48.0706, 0.3685, 0.3315)$

Have a look what the booklet for
Yxy(48.0706, 0.3685, 0.3315)
contains.

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Color

Yxy(48.0706, 0.3685, 0.3315)

Conversions

Conversions Part 1

Format	Color
Hex	E4AAA8
RGB	228, 170, 168
RGB Percent	89%, 67%, 66%
CMY	0.1059, 0.3333, 0.3412
CMYK	0.00, 0.25, 0.26, 0.11
HSL	2°, 53%, 78%
HSV	2°, 26%, 89%
XYZ	53.4359, 48.0706, 43.5028
YIQ	187.1140, 35.2100, 11.6740

Conversions

Conversions Part 2

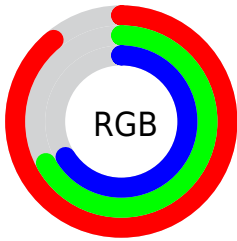
Format	Color
R _Y B	228, 170, 168
Decimal	14985896
CIE Lab	74.87, 20.99, 9.37
CIE LCh	75, 22.985, 24.049
Yxy	48.0706, 0.3685, 0.3315
Android (android.graphics.Color)	4293175976 (0xFFE4AAA8)
YUV	187.1140, -9.4232, 35.8570
Hunter-Lab	69.3330, 16.2399, 11.3317

Details

The Yxy color **48.0706, 0.3685, 0.3315** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **68.3066, 0.2741, 0.3265**, and the grayscale version is **49.8019, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.9804, 0.3352, 0.3321**, and **22.6415, 0.3843, 0.3307** is the 20% darker color. If you saturate the color by 10%, you get **39.7157, 0.3994, 0.3325**, and if you desaturate by 10%, it is **57.9633, 0.3434, 0.3305**.

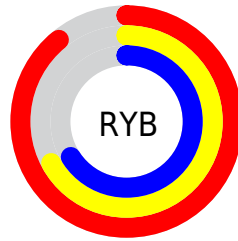
Distribution



Red (89%)

Green (67%)

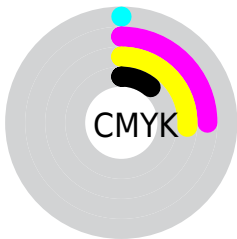
Blue (66%)



Red (89%)

Yellow (67%)

Blue (66%)

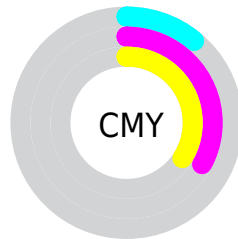


Cyan (0%)

Magenta (25%)

Yellow (26%)

Black (11%)



Cyan (11%)

Magenta (33%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.0706, 0.3685, 0.3315 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 48.0706, 0.3685, 0.3315 by changing the saturation by 10% instead.


 48.0706, 0.3685,
0.3315

 48.0706, 0.3685,
0.3315


379.0719, 0.3405,
0.3308

 33.8828, 0.3755,
0.3315


 87.3095, 0.3583,
0.3314

 22.8036, 0.3845,
0.3314


 113.1294, 0.3545,
0.3313

 14.4485, 0.3965,
0.3311


143.5955, 0.3513,
0.3312

 8.4333, 0.4132,
0.3304

179.0921, 0.3485,
0.3311

 4.3734, 0.4380,
0.3287

220.0036, 0.3461,
0.3310

 1.8846, 0.4782,
0.3242

266.7145, 0.3440,


 0.5391, 0.6583,


0.3309


0.3417


319.6091, 0.3421,
0.3309


 0.0000, 0.0000,
0.0000


 48.0706, 0.3685,
0.3315


 48.0706, 0.3685,
0.3315


 39.7157, 0.3994,
0.3325


 57.9633, 0.3434,
0.3305


 32.8152, 0.4368,
0.3335


 69.4585, 0.3233,
0.3296

 27.2880, 0.4802,
0.3342

 82.6252, 0.3072,
0.3287

 23.0422, 0.5274,
0.3345

 95.2335, 0.2964,
0.3290

 19.9750, 0.5732,
0.3341

■ 17.9675, 0.6105,
0.3331

■ 16.8759, 0.6331,
0.3316

■ 16.6599, 0.6382,
0.3315

Harmonies

Analogous

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



48.0706, 0.3450, 0.3062



48.0706, 0.3685, 0.3315



48.0706, 0.3761, 0.3575

Triad

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



48.0706, 0.3685, 0.3315



48.0706, 0.3097, 0.3770



48.0706, 0.2613, 0.2800

Complementary

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



48.0706, 0.3685, 0.3315



68.3066, 0.2741, 0.3265

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.



48.0706, 0.2531, 0.2958



48.0706, 0.3685, 0.3315



48.0706, 0.2801, 0.3529

Square

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



48.0706, 0.3685, 0.3315



48.0706, 0.3411, 0.3859



48.0706, 0.2598, 0.3224



48.0706, 0.2828, 0.2772

Rectangle

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



48.0706, 0.3685, 0.3315



48.0706, 0.3711, 0.3721



48.0706, 0.2598, 0.3224



48.0706, 0.2570, 0.2839

Sweetspot

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



48.0728, 0.3685, 0.3315



86.8156, 0.3265, 0.3297



49.9861, 0.3174, 0.2657



18.0848, 0.3294, 0.3299



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.



48.0728, 0.3685, 0.3315



55.3997, 0.3859, 0.3321



60.6261, 0.3599, 0.3654



14.4452, 0.3292, 0.3298



9.6545, 0.6375, 0.3320



0.7410, 0.6305, 0.3376

Inverse Universe

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



68.3066, 0.2741, 0.3265



85.9319, 0.2665, 0.3259



53.4021, 0.2706, 0.2897



16.2489, 0.2982, 0.3282



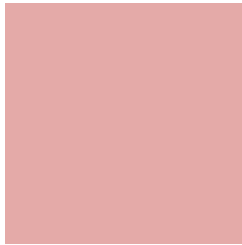
32.9296, 0.2218, 0.3185



2.4596, 0.2223, 0.3201

Previews

White Background



This preview shows how the Yxy color 48.0706, 0.3685, 0.3315 looks on a white background.

Color Contrast Check

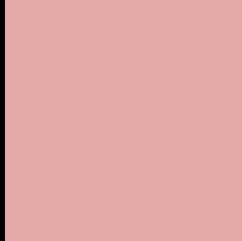
Large Text (above 18pt) WCAG AA × Fail

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 48.0706, 0.3685, 0.3315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

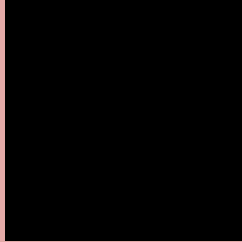
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.0706, 0.3685, 0.3315

Background



This preview shows how black text looks on a background with the Yxy color 48.0706, 0.3685, 0.3315.



This preview shows how white text looks on a background with the Yxy color 48.0706, 0.3685, 0.3315.

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

48.0706, 0.3685, 0.3315

Protanopia

48.3233, 0.3250, 0.3406

Deuteranopia

48.1861, 0.3497, 0.3426



Tritanopia

47.9995, 0.3578, 0.3142

Trichromacy



Original Color

48.0706, 0.3685, 0.3315

Protanomaly

48.0561, 0.3407, 0.3378

Deuteranomaly

48.0489, 0.3569, 0.3388

Tritanomaly

48.1685, 0.3622, 0.3211

Monochromacy



Original Color

48.0706, 0.3685, 0.3315

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

48.8996, 0.3318, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.0706, 0.3685, 0.3315 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(228, 170, 168)` looks like.

```
.text, #text, p{  
    color:rgb(228, 170, 168)  
}
```

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(228, 170, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 170, 168) }
```

Border

The CSS property to change the border of an element to Yxy 48.0706, 0.3685, 0.3315 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(228, 170, 168) }
```

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

```
.border{ border-color:rgb(228, 170, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 170, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 170, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 170, 168);  
box-shadow:4px 4px 4px 4px rgb(228, 170,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 48.0706, 0.3685, 0.3315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 170, 168) }
```

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

```
.background{ background-color: rgb(228,  
170, 168) }
```

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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