

Converting Colors

$Y_{xy}(48.7298, 0.3605, 0.3268)$

Have a look what the booklet for
Yxy(48.7298, 0.3605, 0.3268)
contains.

Yxy(48.7298, 0.3605, 0.3268)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(48.7298, 0.3605, 0.3268)

Conversions

Conversions Part 1

Format	Color
Hex	E2ACAE
RGB	226, 172, 174
RGB Percent	89%, 67%, 68%
CMY	0.1138, 0.3255, 0.3176
CMYK	0.00, 0.24, 0.23, 0.11
HSL	358°, 48%, 78%
HSV	358°, 24%, 89%
XYZ	53.7549, 48.7298, 46.6273
YIQ	188.3740, 31.5420, 12.0700

Conversions

Conversions Part 2

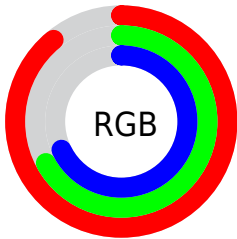
Format	Color
R _Y B	226, 172, 174
Decimal	14855342
CIE Lab	75.28, 20.03, 6.63
CIE LCh	75, 21.098, 18.329
Yxy	48.7298, 0.3605, 0.3268
Android (android.graphics.Color)	4293045422 (0xFFE2ACAE)
YUV	188.3740, -7.0864, 32.9980
Hunter-Lab	69.8067, 15.2927, 9.2620

Details

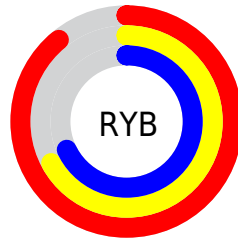
The Yxy color **48.7298, 0.3605, 0.3268** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **68.5376, 0.2787, 0.3313**, and the grayscale version is **50.5423, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.4039, 0.3309, 0.3281**, and **23.1448, 0.3743, 0.3246** is the 20% darker color. If you saturate the color by 10%, you get **40.0674, 0.3892, 0.3259**, and if you desaturate by 10%, it is **58.9968, 0.3374, 0.3278**.

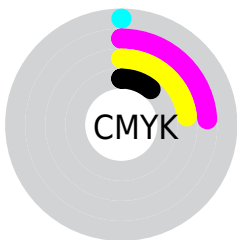
Distribution



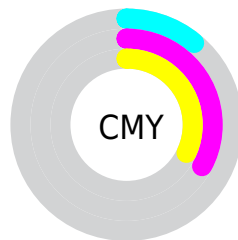
- Red (89%)
- Green (67%)
- Blue (68%)



- Red (89%)
- Yellow (67%)
- Blue (68%)



- Cyan (0%)
- Magenta (24%)
- Yellow (23%)
- Black (11%)





- Cyan (11%)
- Magenta (33%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.7298, 0.3605, 0.3268 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 48.7298, 0.3605, 0.3268 by changing the saturation by 10% instead.


 48.7298, 0.3605,
0.3268

 48.7298, 0.3605,
0.3268

381.6776, 0.3366,
0.3283

 34.4052, 0.3665,
0.3263


 88.2900, 0.3518,
0.3274

 23.2051, 0.3741,
0.3257


114.2944, 0.3486,
0.3276

 14.7450, 0.3843,
0.3247


144.9609, 0.3458,
0.3278

 8.6406, 0.3984,
0.3231

180.6737, 0.3434,
0.3279

 4.5075, 0.4194,
0.3204

221.8175, 0.3414,
0.3280

 1.9613, 0.4536,
0.3150

268.7764, 0.3396,

 0.5849, 0.5835,

0.3281

0.3215

321.9350, 0.3380,
0.3282

0.0000, 0.0000,
0.0000

48.7298, 0.3605,
0.3268

48.7298, 0.3605,
0.3268

40.0674, 0.3892,
0.3259

58.9968, 0.3374,
0.3278

32.9222, 0.4244,
0.3250

70.9365, 0.3189,
0.3287

27.2090, 0.4659,
0.3244

84.6214, 0.3041,
0.3295

22.8313, 0.5122,
0.3242

94.9066, 0.2952,
0.3289

19.6806, 0.5590,
0.3247

■ 17.6317, 0.5997,
0.3259

■ 16.5327, 0.6274,
0.3277

■ 16.1850, 0.6370,
0.3283

Harmonies

Analogous

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



48.7298, 0.3370, 0.3041



48.7298, 0.3605, 0.3268



48.7298, 0.3706, 0.3510

Triad

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



48.7298, 0.3605, 0.3268



48.7298, 0.3156, 0.3754



48.7298, 0.2631, 0.2860

Complementary

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



48.7298, 0.3605, 0.3268



68.5376, 0.2787, 0.3313

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.



48.7298, 0.2581, 0.3028



48.7298, 0.3605, 0.3268



48.7298, 0.2876, 0.3557

Square

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



48.7298, 0.3605, 0.3268



48.7298, 0.3438, 0.3807



48.7298, 0.2669, 0.3284



48.7298, 0.2808, 0.2810

Rectangle

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



48.7298, 0.3605, 0.3268



48.7298, 0.3681, 0.3652



48.7298, 0.2669, 0.3284



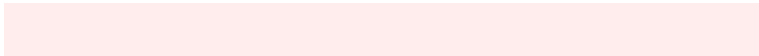
48.7298, 0.2599, 0.2904

Sweetspot

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



48.7321, 0.3605, 0.3268



88.0775, 0.3243, 0.3284



50.7326, 0.3132, 0.2693



18.6435, 0.3254, 0.3283



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.



48.7321, 0.3605, 0.3268



57.7807, 0.3750, 0.3263



58.7604, 0.3560, 0.3569



13.7088, 0.3286, 0.3282



9.2387, 0.6359, 0.3277



0.6433, 0.6239, 0.3211

Inverse Universe

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



48.7321, 0.3605, 0.3268



57.7807, 0.3750, 0.3263



56.3609, 0.2751, 0.2994



13.7088, 0.3286, 0.3282



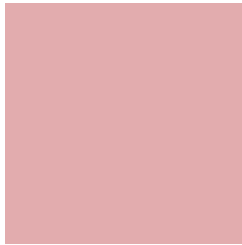
9.2387, 0.6359, 0.3277



0.6433, 0.6239, 0.3211

Previews

White Background



This preview shows how the Yxy color 48.7298, 0.3605, 0.3268 looks on a white background.

Color Contrast Check

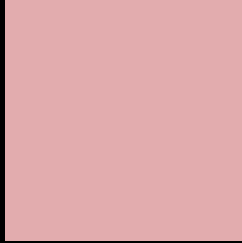
Large Text (above 18pt) WCAG AA × Fail

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 48.7298, 0.3605, 0.3268 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

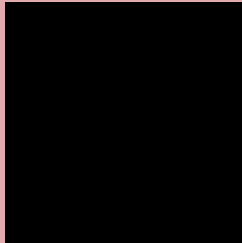
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.7298, 0.3605, 0.3268

Background



This preview shows how black text looks on a background with the Yxy color 48.7298, 0.3605, 0.3268.



This preview shows how white text looks on a background with the Yxy color 48.7298, 0.3605, 0.3268.

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

48.7298, 0.3605, 0.3268

Protanopia

48.9813, 0.3201, 0.3341

Deuteranopia

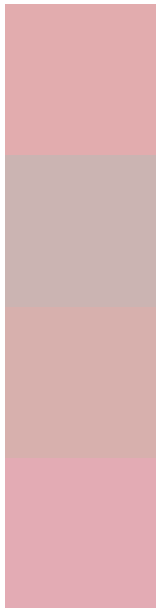
48.6672, 0.3434, 0.3364



Tritanopia

48.9174, 0.3525, 0.3142

Trichromacy



Original Color

48.7298, 0.3605, 0.3268

Protanomaly

48.5534, 0.3345, 0.3315

Deuteranomaly

48.5149, 0.3504, 0.3327

Tritanomaly

48.7520, 0.3562, 0.3187

Monochromacy



Original Color

48.7298, 0.3605, 0.3268

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

49.4314, 0.3292, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.7298, 0.3605, 0.3268 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(226, 172, 174)` looks like.

```
.text, #text, p{  
    color:rgb(226, 172, 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(226, 172, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 172, 174) }
```

Border

The CSS property to change the border of an element to Yxy 48.7298, 0.3605, 0.3268 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(226, 172, 174) }
```

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

```
.border{ border-color:rgb(226, 172, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 172, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 172, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 172, 174);  
box-shadow:4px 4px 4px 4px rgb(226, 172,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 48.7298, 0.3605, 0.3268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 172, 174) }
```

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

```
.background{ background-color: rgb(226,  
172, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor