

Converting Colors

Yxy(52.4952, 0.3399, 0.3000)

Have a look what the booklet for
Yxy(52.4952, 0.3399, 0.3000)
contains.

Yxy(52.4707, 0.3402, 0.3002)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(52.4707, 0.3402, 0.3002)

Conversions

Conversions Part 1

Format	Color
Hex	E8B0CA
RGB	232, 176, 202
RGB Percent	91%, 69%, 79%
CMY	0.0902, 0.3098, 0.2080
CMYK	0.00, 0.24, 0.13, 0.09
HSL	332°, 55%, 80%
HSV	332°, 24%, 91%
XYZ	59.4621, 52.4707, 62.8530
YIQ	195.7080, 25.0300, 19.9580

Conversions

Conversions Part 2

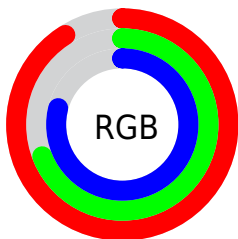
Format	Color
R _Y B	232, 176, 202
Decimal	15249610
CIE Lab	77.56, 24.35, -5.21
CIE LCh	78, 24.902, 347.913
Yxy	52.4707, 0.3402, 0.3002
Android (android.graphics.Color)	4293439690 (0xFFE8B0CA)
YUV	195.7080, 3.1020, 31.8281
Hunter-Lab	72.4367, 19.7637, -0.7400

Details

The Yxy color **52.4707, 0.3402, 0.3002** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **71.4034, 0.2918, 0.3598**, and the grayscale version is **54.9885, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.1932, 0.3138, 0.3068**, and **25.5341, 0.3478, 0.2928** is the 20% darker color. If you saturate the color by 10%, you get **43.5731, 0.3557, 0.2877**, and if you desaturate by 10%, it is **62.9753, 0.3273, 0.3125**.

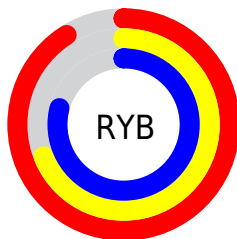
Distribution



Red (91%)

Green (69%)

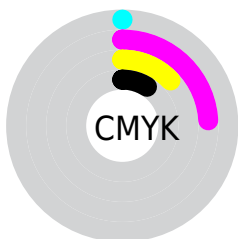
Blue (79%)



Red (91%)

Yellow (69%)

Blue (79%)

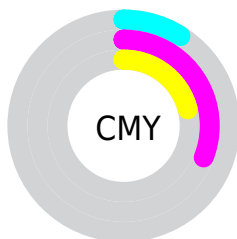


Cyan (0%)

Magenta (24%)

Yellow (13%)

Black (9%)



Cyan (9%)


Magenta (31%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.4707, 0.3402, 0.3002 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 52.4707, 0.3402, 0.3002 by changing the saturation by 10% instead.


 52.4707, 0.3402,
0.3002

 52.4707, 0.3402,
0.3002


396.2511, 0.3269,
0.3140

 37.3804, 0.3434,
0.2969


 93.8251, 0.3355,
0.3051

 25.5022, 0.3475,
0.2928


120.8579, 0.3336,
0.3070

 16.4516, 0.3527,
0.2875


152.6404, 0.3321,
0.3086

 9.8443, 0.3599,
0.2803

189.5569, 0.3308,
0.3100

 5.2958, 0.3701,
0.2701

231.9918, 0.3296,
0.3112

 2.4219, 0.3861,
0.2547

280.3296, 0.3286,

 0.8371, 0.4140,

0.3122

0.2284

334.9545, 0.3277,
0.3132

0.0000, 0.8271,
0.0000

0.0000, 0.0000,
0.0000

52.4707, 0.3402,
0.3002

52.4707, 0.3402,
0.3002

43.5731, 0.3557,
0.2877

62.9753, 0.3273,
0.3125

36.1951, 0.3741,
0.2755

75.1543, 0.3166,
0.3243

30.2522, 0.3955,
0.2645

89.0798, 0.3078,
0.3354

25.6481, 0.4197,
0.2559

95.6880, 0.3005,
0.3322

■ 22.2750, 0.4460,
0.2508

■ 95.8961, 0.2987,
0.3290

■ 20.0079, 0.4732,
0.2506

■ 18.6946, 0.4997,
0.2558

■ 18.2298, 0.5146,
0.2608

Harmonies

Analogous

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



52.4707, 0.3062, 0.2817



52.4707, 0.3402, 0.3002



52.4707, 0.3676, 0.3258

Triad

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



52.4707, 0.3402, 0.3002



52.4707, 0.3487, 0.3886



52.4707, 0.2503, 0.2990

Complementary

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



52.4707, 0.3402, 0.3002



71.4034, 0.2918, 0.3598

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.



52.4707, 0.2604, 0.3285



52.4707, 0.3402, 0.3002



52.4707, 0.3163, 0.3831

Square

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



52.4707, 0.3402, 0.3002



52.4707, 0.3722, 0.3768



52.4707, 0.2841, 0.3603



52.4707, 0.2557, 0.2798

Rectangle

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



52.4707, 0.3402, 0.3002



52.4707, 0.3775, 0.3444



52.4707, 0.2841, 0.3603



52.4707, 0.2520, 0.3080

Sweetspot

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



52.4731, 0.3402, 0.3002



88.5340, 0.3195, 0.3210



49.9838, 0.2944, 0.2651



18.7490, 0.3201, 0.3203



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.



52.4731, 0.3402, 0.3002



59.2519, 0.3476, 0.2939



52.0821, 0.3626, 0.3313



14.4786, 0.3220, 0.3182



10.1452, 0.5107, 0.2587



0.7683, 0.4759, 0.2395

Inverse Universe

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



52.4731, 0.3402, 0.3002



59.2519, 0.3476, 0.2939



71.7263, 0.2770, 0.3267



14.4786, 0.3220, 0.3182



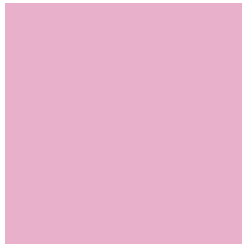
10.1452, 0.5107, 0.2587



0.7683, 0.4759, 0.2395

Previews

White Background



This preview shows how the Yxy color 52.4707, 0.3402, 0.3002 looks on a white background.

Color Contrast Check

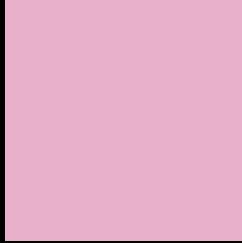
Large Text (above 18pt) WCAG AA × Fail

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 52.4707, 0.3402, 0.3002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

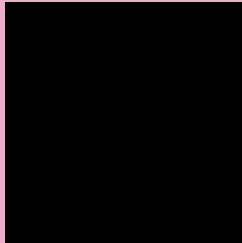
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.4707, 0.3402, 0.3002

Background



This preview shows how black text looks on a background with the Yxy color 52.4707, 0.3402, 0.3002.



This preview shows how white text looks on a background with the Yxy color 52.4707, 0.3402, 0.3002.

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

52.4707, 0.3402, 0.3002

Protanopia

52.9119, 0.2973, 0.3047

Deuteranopia

52.5533, 0.3193, 0.3124



Tritanopia

52.6355, 0.3476, 0.3133

Trichromacy



Original Color

52.4707, 0.3402, 0.3002

Protanomaly

52.6510, 0.3115, 0.3030

Deuteranomaly

52.2719, 0.3265, 0.3070

Tritanomaly

52.4187, 0.3443, 0.3078

Monochromacy



Original Color

52.4707, 0.3402, 0.3002

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.0277, 0.3223, 0.3184

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.4707, 0.3402, 0.3002 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(232, 176, 202)` looks like.

```
.text, #text, p{  
    color:rgb(232, 176, 202)  
}
```

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(232, 176, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 176, 202) }
```

Border

The CSS property to change the border of an element to Yxy 52.4707, 0.3402, 0.3002 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(232, 176, 202) }
```

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

```
.border{ border-color:rgb(232, 176, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 176, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 176, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 176, 202);  
box-shadow:4px 4px 4px 4px rgb(232, 176,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 52.4707, 0.3402, 0.3002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 176, 202) }
```

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

```
.background{ background-color: rgb(232,  
176, 202) }
```

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