

Converting Colors

$Yxy(49.8873, 0.3380, 0.2967)$

Have a look what the booklet for
Yxy(49.8873, 0.3380, 0.2967)
contains.

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Color

Yxy(50.0061, 0.3381, 0.2974)

Conversions

Conversions Part 1

Format	Color
Hex	E3ACC8
RGB	227, 172, 200
RGB Percent	89%, 67%, 78%
CMY	0.1099, 0.3254, 0.2158
CMYK	0.00, 0.24, 0.12, 0.11
HSL	329°, 50%, 78%
HSV	329°, 24%, 89%
XYZ	56.8496, 50.0061, 61.2886
YIQ	191.6370, 23.7920, 20.3680

Conversions

Conversions Part 2

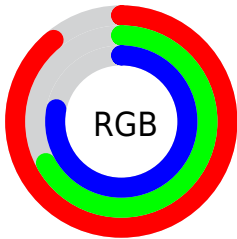
Format	Color
R _Y B	227, 172, 200
Decimal	14920904
CIE Lab	76.07, 24.41, -6.39
CIE LCh	76, 25.231, 345.336
Yxy	50.0061, 0.3381, 0.2974
Android (android.graphics.Color)	4293110984 (0xFFE3ACC8)
YUV	191.6370, 4.1230, 31.0134
Hunter-Lab	70.7150, 19.7494, -1.8861

Details

The Yxy color **50.0061, 0.3381, 0.2974** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **67.8232, 0.2932, 0.3630**, and the grayscale version is **52.4551, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.9668, 0.3139, 0.3029**, and **23.9269, 0.3451, 0.2889** is the 20% darker color. If you saturate the color by 10%, you get **41.5904, 0.3523, 0.2837**, and if you desaturate by 10%, it is **59.9398, 0.3262, 0.3109**.

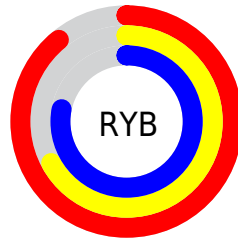
Distribution



Red (89%)

Green (67%)

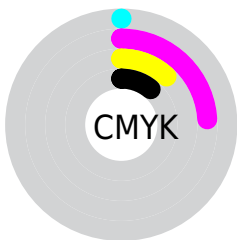
Blue (78%)



Red (89%)

Yellow (67%)

Blue (78%)

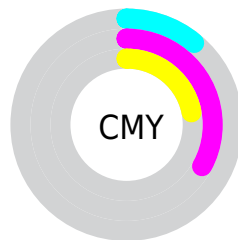


Cyan (0%)

Magenta (24%)

Yellow (12%)

Black (11%)



Cyan (11%)


Magenta (33%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.0061, 0.3381, 0.2974 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 50.0061, 0.3381, 0.2974 by changing the saturation by 10% instead.


 50.0061, 0.3381,
0.2974

 50.0061, 0.3381,
0.2974


386.6898, 0.3257,
0.3126

 35.4182, 0.3411,
0.2938


 90.1839, 0.3337,
0.3028

 23.9852, 0.3449,
0.2892


116.5427, 0.3320,
0.3049

 15.3227, 0.3498,
0.2832


147.5938, 0.3306,
0.3066

 9.0462, 0.3565,
0.2752

183.7218, 0.3293,
0.3082

 4.7713, 0.3662,
0.2638

225.3110, 0.3283,
0.3095

 2.1137, 0.3813,
0.2463

272.7458, 0.3273,

 0.6723, 0.4103,

0.3107

0.2123

326.4106, 0.3265,
0.3117

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.0061, 0.3381,
0.2974

50.0061, 0.3381,
0.2974

41.5904, 0.3523,
0.2837

59.9398, 0.3262,
0.3109

34.6103, 0.3690,
0.2704

71.4552, 0.3163,
0.3238

28.9856, 0.3882,
0.2584

84.6206, 0.3082,
0.3359

24.6256, 0.4099,
0.2487

94.4142, 0.3015,
0.3395

■ 21.4280, 0.4334,
0.2427

■ 95.0674, 0.2958,
0.3290

■ 19.2749, 0.4577,
0.2414

■ 18.0224, 0.4816,
0.2457

■ 17.5767, 0.4950,
0.2500

Harmonies

Analogous

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



50.0061, 0.3030, 0.2792



50.0061, 0.3381, 0.2974



50.0061, 0.3673, 0.3233

Triad

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



50.0061, 0.3381, 0.2974



50.0061, 0.3523, 0.3900



50.0061, 0.2488, 0.3003

Complementary

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



50.0061, 0.3381, 0.2974



67.8232, 0.2932, 0.3630

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.



50.0061, 0.2605, 0.3313



50.0061, 0.3381, 0.2974



50.0061, 0.3194, 0.3860

Square

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



50.0061, 0.3381, 0.2974



50.0061, 0.3753, 0.3764



50.0061, 0.2859, 0.3639



50.0061, 0.2531, 0.2795

Rectangle

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



50.0061, 0.3381, 0.2974



50.0061, 0.3786, 0.3423



50.0061, 0.2859, 0.3639



50.0061, 0.2510, 0.3098

Sweetspot

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



50.0084, 0.3381, 0.2974



88.5834, 0.3190, 0.3202



47.1414, 0.2921, 0.2645



18.7604, 0.3195, 0.3194



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.



50.0084, 0.3381, 0.2974



59.4256, 0.3448, 0.2906



48.8535, 0.3624, 0.3281



14.4898, 0.3213, 0.3171



10.2766, 0.4917, 0.2482



0.7782, 0.4600, 0.2308

Inverse Universe

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



50.0084, 0.3381, 0.2974



59.4256, 0.3448, 0.2906



69.1936, 0.2776, 0.3300



14.4898, 0.3213, 0.3171



10.2766, 0.4917, 0.2482



0.7782, 0.4600, 0.2308

Previews

White Background



This preview shows how the Yxy color 50.0061, 0.3381, 0.2974 looks on a white background.

Color Contrast Check

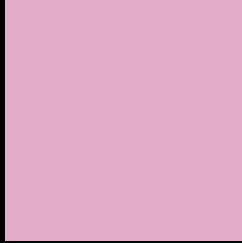
Large Text (above 18pt) WCAG AA × Fail

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 50.0061, 0.3381, 0.2974 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 50.0061, 0.3381, 0.2974

Background



This preview shows how black text looks on a background with the Yxy color 50.0061, 0.3381, 0.2974.



This preview shows how white text looks on a background with the Yxy color 50.0061, 0.3381, 0.2974.

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

50.0061, 0.3381, 0.2974

Protanopia

50.4584, 0.2948, 0.3018

Deuteranopia

49.9506, 0.3162, 0.3096



Tritanopia

49.9105, 0.3465, 0.3130

Trichromacy



Original Color

50.0061, 0.3381, 0.2974

Protanomaly

50.1915, 0.3091, 0.3001

Deuteranomaly

49.6659, 0.3234, 0.3041

Tritanomaly

49.8617, 0.3441, 0.3073

Monochromacy



Original Color

50.0061, 0.3381, 0.2974

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

51.6172, 0.3217, 0.3170

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.0061, 0.3381, 0.2974 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(227, 172, 200)` looks like.

```
.text, #text, p{  
    color:rgb(227, 172, 200)  
}
```

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(227, 172, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 172, 200) }
```

Border

The CSS property to change the border of an element to Yxy 50.0061, 0.3381, 0.2974 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(227, 172, 200) }
```

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

```
.border{ border-color:rgb(227, 172, 200) }
```

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

Here you see how a box with a 4 pixel rgb(227, 172, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 172, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 172, 200);  
box-shadow:4px 4px 4px 4px rgb(227, 172,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 50.0061, 0.3381, 0.2974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 172, 200) }
```

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

```
.background{ background-color: rgb(227,  
172, 200) }
```

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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