

Converting Colors

$Yxy(49.6622, 0.3359, 0.3049)$

Have a look what the booklet for
Yxy(49.6622, 0.3359, 0.3049)
contains.

Yxy(49.4279, 0.3360, 0.3047)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(49.4279, 0.3360, 0.3047)

Conversions

Conversions Part 1

Format	Color
Hex	DCAEC3
RGB	220, 174, 195
RGB Percent	86%, 68%, 76%
CMY	0.1372, 0.3177, 0.2354
CMYK	0.00, 0.21, 0.11, 0.14
HSL	333°, 40%, 77%
HSV	333°, 21%, 86%
XYZ	54.5053, 49.4279, 58.2850
YIQ	190.1480, 20.6750, 16.2830

Conversions

Conversions Part 2

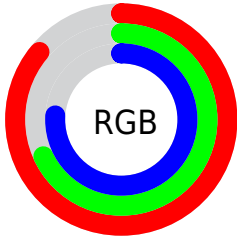
Format	Color
R _Y B	220, 174, 195
Decimal	14462659
CIE Lab	75.72, 20.07, -4.26
CIE LCh	76, 20.519, 348.021
Yxy	49.4279, 0.3360, 0.3047
Android (android.graphics.Color)	4292652739 (0xFFDCAEC3)
YUV	190.1480, 2.3920, 26.1802
Hunter-Lab	70.3050, 15.3520, 0.0602

Details

The Yxy color $49.4279, 0.3360, 0.3047$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $64.3240, 0.2943, 0.3547$, and the grayscale version is $51.5610, 0.3127, 0.3290$.

A 20% lighter version of the original color is $84.8819, 0.3157, 0.3077$, and $23.4903, 0.3423, 0.2983$ is the 20% darker color. If you saturate the color by 10%, you get $41.0938, 0.3508, 0.2924$, and if you desaturate by 10%, it is $59.2023, 0.3237, 0.3167$.

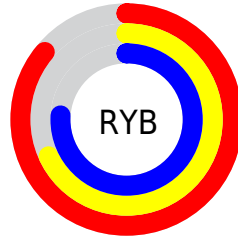
Distribution



Red (86%)

Green (68%)

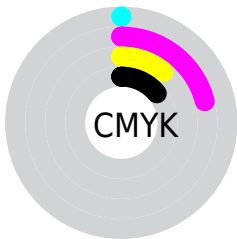
Blue (76%)



Red (86%)

Yellow (68%)

Blue (76%)

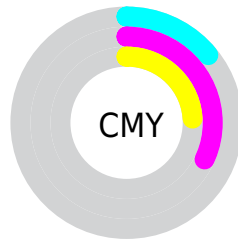


Cyan (0%)

Magenta (21%)

Yellow (11%)

Black (14%)



Cyan (14%)

Magenta (32%)

Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.4279, 0.3360, 0.3047 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 49.4279, 0.3360, 0.3047 by changing the saturation by 10% instead.


 49.4279, 0.3360,
0.3047

 49.4279, 0.3360,
0.3047

384.4244, 0.3246,
0.3165

 34.9590, 0.3388,
0.3018


 89.3266, 0.3319,
0.3089

 23.6313, 0.3423,
0.2982


115.5253, 0.3303,
0.3105

 15.0604, 0.3470,
0.2935


146.4027, 0.3290,
0.3119

 8.8618, 0.3534,
0.2871

182.3432, 0.3279,
0.3131

 4.6511, 0.3627,
0.2778

223.7313, 0.3269,
0.3141

 2.0441, 0.3775,
0.2634

270.9512, 0.3260,

 0.6329, 0.4081,

0.3150

0.2312

324.3875, 0.3253,
0.3158

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

49.4279, 0.3360,
0.3047

49.4279, 0.3360,
0.3047

41.0938, 0.3508,
0.2924

59.2023, 0.3237,
0.3167

34.1246, 0.3684,
0.2803

70.4745, 0.3136,
0.3280

28.4480, 0.3891,
0.2690

83.3068, 0.3052,
0.3386

23.9826, 0.4127,
0.2596

93.2029, 0.2983,
0.3414

■ 20.6373, 0.4388,
0.2534

■ 93.9496, 0.2918,
0.3291

■ 18.3080, 0.4663,
0.2516

■ 93.9597, 0.2917,
0.3289

■ 16.8708, 0.4936,
0.2551

■ 16.1456, 0.5172,
0.2623

Harmonies

Analogous

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



49.4279, 0.3075, 0.2888



49.4279, 0.3360, 0.3047



49.4279, 0.3588, 0.3267

Triad

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



49.4279, 0.3360, 0.3047



49.4279, 0.3431, 0.3790



49.4279, 0.2598, 0.3039

Complementary

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



49.4279, 0.3360, 0.3047



64.3240, 0.2943, 0.3547

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.



49.4279, 0.2684, 0.3287



49.4279, 0.3360, 0.3047



49.4279, 0.3159, 0.3740

Square

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



49.4279, 0.3360, 0.3047



49.4279, 0.3627, 0.3695



49.4279, 0.2887, 0.3551



49.4279, 0.2645, 0.2875

Rectangle

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



49.4279, 0.3360, 0.3047



49.4279, 0.3671, 0.3425



49.4279, 0.2887, 0.3551



49.4279, 0.2612, 0.3115

Sweetspot

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



49.4301, 0.3360, 0.3047



90.0990, 0.3185, 0.3223



47.5200, 0.2973, 0.2744



19.0644, 0.3192, 0.3215



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.



49.4301, 0.3360, 0.3047



63.8145, 0.3420, 0.2995



49.1430, 0.3542, 0.3309



13.1498, 0.3221, 0.3184



9.4951, 0.5136, 0.2603



0.6324, 0.4741, 0.2386

Inverse Universe

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



49.4301, 0.3360, 0.3047



63.8145, 0.3420, 0.2995



64.5654, 0.2815, 0.3271



13.1498, 0.3221, 0.3184



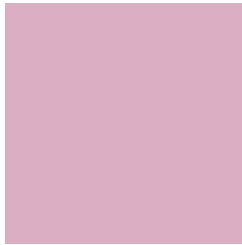
9.4951, 0.5136, 0.2603



0.6324, 0.4741, 0.2386

Previews

White Background



This preview shows how the Yxy color 49.4279, 0.3360, 0.3047 looks on a white background.

Color Contrast Check

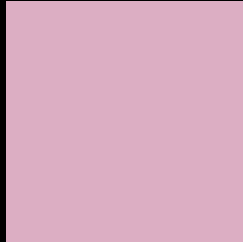
Large Text (above 18pt) WCAG AA × Fail

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 49.4279, 0.3360, 0.3047 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

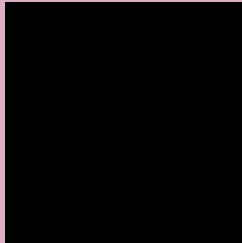
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.4279, 0.3360, 0.3047

Background



This preview shows how black text looks on a background with the Yxy color 49.4279, 0.3360, 0.3047.



This preview shows how white text looks on a background with the Yxy color 49.4279, 0.3360, 0.3047.

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

49.4279, 0.3360, 0.3047

Protanopia

49.8212, 0.3006, 0.3090

Deuteranopia

49.4993, 0.3203, 0.3132



Tritanopia

49.3941, 0.3401, 0.3127

Trichromacy



Original Color

49.4279, 0.3360, 0.3047

Protanomaly

49.5852, 0.3128, 0.3082

Deuteranomaly

49.2911, 0.3266, 0.3099

Tritanomaly

49.4816, 0.3384, 0.3104

Monochromacy



Original Color

49.4279, 0.3360, 0.3047

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

50.5043, 0.3208, 0.3193

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.4279, 0.3360, 0.3047 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(220, 174, 195)` looks like.

```
.text, #text, p{  
    color:rgb(220, 174, 195)  
}
```

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(220, 174, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 174, 195) }
```

Border

The CSS property to change the border of an element to Yxy 49.4279, 0.3360, 0.3047 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(220, 174, 195) }
```

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

```
.border{ border-color:rgb(220, 174, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 174, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 174, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 174, 195);  
box-shadow:4px 4px 4px 4px rgb(220, 174,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 49.4279, 0.3360, 0.3047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 174, 195) }
```

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

```
.background{ background-color: rgb(220,  
174, 195) }
```

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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