

Converting Colors

$Yxy(49.7546, 0.3443, 0.3005)$

Have a look what the booklet for
Yxy(49.7546, 0.3443, 0.3005)
contains.

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Color

Yxy(49.9343, 0.3445, 0.3009)

Conversions

Conversions Part 1

Format	Color
Hex	E6ABC4
RGB	230, 171, 196
RGB Percent	90%, 67%, 77%
CMY	0.0979, 0.3295, 0.2314
CMYK	0.00, 0.26, 0.15, 0.10
HSL	335°, 54%, 79%
HSV	335°, 26%, 90%
XYZ	57.1697, 49.9343, 58.8458
YIQ	191.4910, 27.1390, 20.2830

Conversions

Conversions Part 2

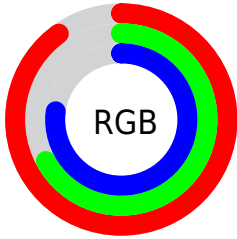
Format	Color
R _Y B	230, 171, 196
Decimal	15117252
CIE Lab	76.03, 25.39, -4.24
CIE LCh	76, 25.740, 350.519
Yxy	49.9343, 0.3445, 0.3009
Android (android.graphics.Color)	4293307332 (0xFFE6ABC4)
YUV	191.4910, 2.2229, 33.7724
Hunter-Lab	70.6642, 20.7501, 0.0910

Details

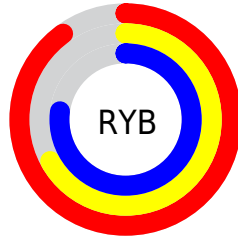
The Yxy color **49.9343, 0.3445, 0.3009** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **69.6846, 0.2892, 0.3590**, and the grayscale version is **52.3776, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.2900, 0.3153, 0.3038**, and **23.9085, 0.3540, 0.2937** is the 20% darker color. If you saturate the color by 10%, you get **41.4124, 0.3617, 0.2894**, and if you desaturate by 10%, it is **60.0264, 0.3302, 0.3123**.

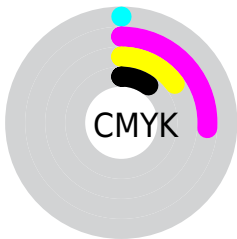
Distribution



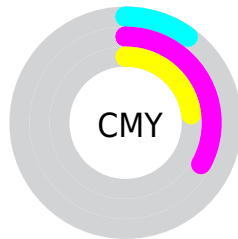
- Red (90%)
- Green (67%)
- Blue (77%)



- Red (90%)
- Yellow (67%)
- Blue (77%)



- Cyan (0%)
- Magenta (26%)
- Yellow (15%)
- Black (10%)



- Cyan (10%)
- Magenta (33%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.9343, 0.3445, 0.3009 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 49.9343, 0.3445, 0.3009 by changing the saturation by 10% instead.

 49.9343, 0.3445,
0.3009

 49.9343, 0.3445,
0.3009

386.4090, 0.3289,
0.3145

 35.3612, 0.3483,
0.2976


 90.0775, 0.3389,
0.3058

 23.9412, 0.3531,
0.2935

116.4164, 0.3368,
0.3076

 15.2900, 0.3595,
0.2881


147.4461, 0.3350,
0.3092

 9.0232, 0.3681,
0.2808

183.5508, 0.3334,
0.3106

 4.7563, 0.3807,
0.2703

225.1151, 0.3321,
0.3117

 2.1050, 0.4007,
0.2540

272.5233, 0.3309,

 0.6674, 0.4392,

0.3128

0.2212

326.1598, 0.3299,
0.3137

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

49.9343, 0.3445,
0.3009

49.9343, 0.3445,
0.3009

41.4124, 0.3617,
0.2894

60.0264, 0.3302,
0.3123

34.3742, 0.3821,
0.2784

71.7559, 0.3184,
0.3231

28.7352, 0.4059,
0.2687

85.1944, 0.3088,
0.3333

24.3993, 0.4328,
0.2614

95.1930, 0.3009,
0.3349

■ 21.2584, 0.4618,
0.2579

■ 95.5704, 0.2976,
0.3290

■ 19.1865, 0.4915,
0.2593

■ 18.0288, 0.5198,
0.2662

■ 17.7012, 0.5315,
0.2702

Harmonies

Analogous

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



49.9343, 0.3089, 0.2807



49.9343, 0.3445, 0.3009



49.9343, 0.3722, 0.3281

Triad

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



49.9343, 0.3445, 0.3009



49.9343, 0.3477, 0.3920



49.9343, 0.2472, 0.2951

Complementary

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



49.9343, 0.3445, 0.3009



69.6846, 0.2892, 0.3590

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.



49.9343, 0.2563, 0.3254



49.9343, 0.3445, 0.3009



49.9343, 0.3133, 0.3846

Square

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



49.9343, 0.3445, 0.3009



49.9343, 0.3736, 0.3807



49.9343, 0.2800, 0.3593



49.9343, 0.2542, 0.2763

Rectangle

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



49.9343, 0.3445, 0.3009



49.9343, 0.3816, 0.3475



49.9343, 0.2800, 0.3593



49.9343, 0.2484, 0.3042

Sweetspot

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



49.9366, 0.3445, 0.3009



86.9333, 0.3210, 0.3206



47.7381, 0.2946, 0.2610



18.1147, 0.3227, 0.3190



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.



49.9366, 0.3445, 0.3009



56.9155, 0.3536, 0.2946



50.4006, 0.3662, 0.3337



14.4688, 0.3226, 0.3191



10.0403, 0.5276, 0.2680



0.7602, 0.4902, 0.2474

Inverse Universe

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



49.9366, 0.3445, 0.3009



56.9155, 0.3536, 0.2946



68.8234, 0.2747, 0.3243



14.4688, 0.3226, 0.3191



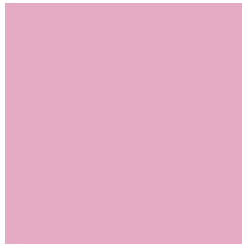
10.0403, 0.5276, 0.2680



0.7602, 0.4902, 0.2474

Previews

White Background



This preview shows how the Yxy color 49.9343, 0.3445, 0.3009 looks on a white background.

Color Contrast Check

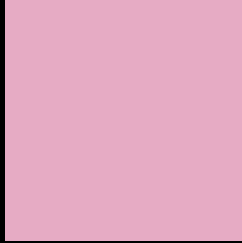
Large Text (above 18pt) WCAG AA × Fail

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 49.9343, 0.3445, 0.3009 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

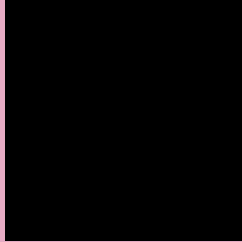
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.9343, 0.3445, 0.3009

Background



This preview shows how black text looks on a background with the Yxy color 49.9343, 0.3445, 0.3009.



This preview shows how white text looks on a background with the Yxy color 49.9343, 0.3445, 0.3009.

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

49.9343, 0.3445, 0.3009

Protanopia

50.3875, 0.2984, 0.3066

Deuteranopia

50.0474, 0.3210, 0.3145



Tritanopia

50.0903, 0.3521, 0.3143

Trichromacy



Original Color

49.9343, 0.3445, 0.3009

Protanomaly

49.8686, 0.3139, 0.3037

Deuteranomaly

49.9271, 0.3293, 0.3090

Tritanomaly

49.8808, 0.3487, 0.3086

Monochromacy



Original Color

49.9343, 0.3445, 0.3009

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.1104, 0.3234, 0.3182

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.9343, 0.3445, 0.3009 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(230, 171, 196)` looks like.

```
.text, #text, p{  
    color:rgb(230, 171, 196)  
}
```

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(230, 171, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 171, 196) }
```

Border

The CSS property to change the border of an element to Yxy 49.9343, 0.3445, 0.3009 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(230, 171, 196) }
```

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

```
.border{ border-color:rgb(230, 171, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 171, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 171, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 171, 196);  
box-shadow:4px 4px 4px 4px rgb(230, 171,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 49.9343, 0.3445, 0.3009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 171, 196) }
```

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

```
.background{ background-color: rgb(230,  
171, 196) }
```

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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