

Converting Colors

$Y_{xy}(49.5599, 0.3436, 0.3018)$

Have a look what the booklet for
Yxy(49.5599, 0.3436, 0.3018)
contains.

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Color

Yxy(49.5599, 0.3436, 0.3018)

Conversions

Conversions Part 1

Format	Color
Hex	E4ABC3
RGB	228, 171, 195
RGB Percent	89%, 67%, 76%
CMY	0.1056, 0.3295, 0.2352
CMYK	0.00, 0.25, 0.14, 0.11
HSL	335°, 51%, 78%
HSV	335°, 25%, 89%
XYZ	56.4241, 49.5599, 58.2304
YIQ	190.7790, 26.2680, 19.5480

Conversions

Conversions Part 2

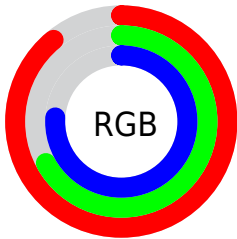
Format	Color
R _Y B	228, 171, 195
Decimal	14986179
CIE Lab	75.80, 24.54, -4.07
CIE LCh	76, 24.874, 350.589
Yxy	49.5599, 0.3436, 0.3018
Android (android.graphics.Color)	4293176259 (0xFFE4ABC3)
YUV	190.7790, 2.0810, 32.6428
Hunter-Lab	70.3988, 19.8684, 0.2374

Details

The Yxy color **49.5599, 0.3436, 0.3018** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **68.5376, 0.2897, 0.3580**, and the grayscale version is **51.9453, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.2264, 0.3159, 0.3047**, and **23.6506, 0.3528, 0.2948** is the 20% darker color. If you saturate the color by 10%, you get **41.1073, 0.3607, 0.2904**, and if you desaturate by 10%, it is **59.5562, 0.3294, 0.3131**.

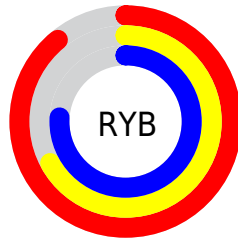
Distribution



Red (89%)

Green (67%)

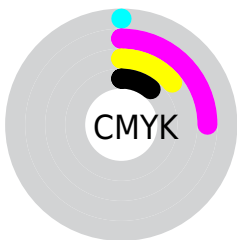
Blue (76%)



Red (89%)

Yellow (67%)

Blue (76%)

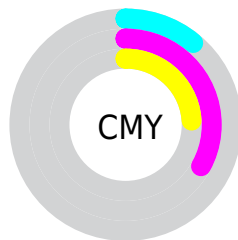


Cyan (0%)

Magenta (25%)

Yellow (14%)

Black (11%)



Cyan (11%)


Magenta (33%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.5599, 0.3436, 0.3018 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 49.5599, 0.3436, 0.3018 by changing the saturation by 10% instead.


 49.5599, 0.3436,
0.3018

 49.5599, 0.3436,
0.3018


384.9424, 0.3284,
0.3150

 35.0638, 0.3473,
0.2986


 89.5225, 0.3382,
0.3065

 23.7121, 0.3520,
0.2946

115.7577, 0.3361,
0.3083

 15.1202, 0.3582,
0.2893


146.6749, 0.3343,
0.3098

 8.9038, 0.3667,
0.2822


182.6583, 0.3328,
0.3112

 4.6785, 0.3791,
0.2719

224.0924, 0.3315,
0.3123

 2.0599, 0.3987,
0.2559

271.3615, 0.3304,

 0.6419, 0.4377,

0.3133

0.2221

324.8500, 0.3293,
0.3142

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

49.5599, 0.3436,
0.3018

49.5599, 0.3436,
0.3018

41.1073, 0.3607,
0.2904

59.5562, 0.3294,
0.3131

34.1138, 0.3810,
0.2794

71.1615, 0.3178,
0.3238

28.4973, 0.4046,
0.2696

84.4456, 0.3082,
0.3339

24.1644, 0.4314,
0.2622

94.7908, 0.3003,
0.3362

■ 21.0102, 0.4605,
0.2584

■ 95.2443, 0.2964,
0.3290

■ 18.9126, 0.4903,
0.2595

■ 17.7225, 0.5189,
0.2660

■ 17.3495, 0.5324,
0.2707

Harmonies

Analogous

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



49.5599, 0.3092, 0.2822



49.5599, 0.3436, 0.3018



49.5599, 0.3704, 0.3283

Triad

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



49.5599, 0.3436, 0.3018



49.5599, 0.3466, 0.3900



49.5599, 0.2491, 0.2961

Complementary

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



49.5599, 0.3436, 0.3018



68.5376, 0.2897, 0.3580

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.



49.5599, 0.2579, 0.3255



49.5599, 0.3436, 0.3018



49.5599, 0.3133, 0.3827

Square

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



49.5599, 0.3436, 0.3018



49.5599, 0.3717, 0.3792



49.5599, 0.2810, 0.3582



49.5599, 0.2560, 0.2778

Rectangle

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



49.5599, 0.3436, 0.3018



49.5599, 0.3794, 0.3471



49.5599, 0.2810, 0.3582



49.5599, 0.2503, 0.3050

Sweetspot

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



49.5622, 0.3436, 0.3018



86.9304, 0.3211, 0.3206



47.4642, 0.2951, 0.2629



18.1140, 0.3228, 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.



49.5622, 0.3436, 0.3018



57.9889, 0.3520, 0.2959



50.0190, 0.3644, 0.3335



14.4682, 0.3227, 0.3191



10.0345, 0.5286, 0.2685



0.7597, 0.4911, 0.2479

Inverse Universe

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



49.5622, 0.3436, 0.3018



57.9889, 0.3520, 0.2959



67.7099, 0.2756, 0.3244



14.4682, 0.3227, 0.3191



10.0345, 0.5286, 0.2685



0.7597, 0.4911, 0.2479

Previews

White Background



This preview shows how the Yxy color 49.5599, 0.3436, 0.3018 looks on a white background.

Color Contrast Check

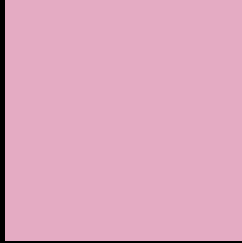
Large Text (above 18pt) WCAG AA × Fail

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 49.5599, 0.3436, 0.3018 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

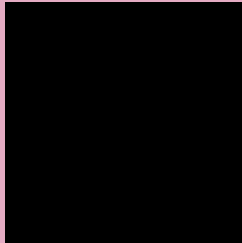
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.5599, 0.3436, 0.3018

Background



This preview shows how black text looks on a background with the Yxy color 49.5599, 0.3436, 0.3018.



This preview shows how white text looks on a background with the Yxy color 49.5599, 0.3436, 0.3018.

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

49.5599, 0.3436, 0.3018

Protanopia

49.9165, 0.2992, 0.3066

Deuteranopia

49.4546, 0.3211, 0.3144



Tritanopia

49.7632, 0.3503, 0.3142

Trichromacy



Original Color

49.5599, 0.3436, 0.3018

Protanomaly

49.6823, 0.3139, 0.3048

Deuteranomaly

49.1882, 0.3285, 0.3088

Tritanomaly

49.5101, 0.3478, 0.3096

Monochromacy



Original Color

49.5599, 0.3436, 0.3018

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

50.9241, 0.3233, 0.3193

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.5599, 0.3436, 0.3018 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(228, 171, 195)` looks like.

```
.text, #text, p{  
    color:rgb(228, 171, 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(228, 171, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 171, 195) }
```

Border

The CSS property to change the border of an element to Yxy 49.5599, 0.3436, 0.3018 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(228, 171, 195) }
```

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

```
.border{ border-color:rgb(228, 171, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 171, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 171, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 171, 195);  
box-shadow:4px 4px 4px 4px rgb(228, 171,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 49.5599, 0.3436, 0.3018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 171, 195) }
```

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

```
.background{ background-color: rgb(228,  
171, 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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