

Converting Colors

$Yxy(47.7895, 0.3434, 0.2957)$

Have a look what the booklet for
Yxy(47.7895, 0.3434, 0.2957)
contains.

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Color

Yxy(47.7519, 0.3435, 0.2950)

Conversions

Conversions Part 1

Format	Color
Hex	E4A6C4
RGB	228, 166, 196
RGB Percent	89%, 65%, 77%
CMY	0.1058, 0.3491, 0.2313
CMYK	0.00, 0.27, 0.14, 0.11
HSL	331°, 53%, 77%
HSV	331°, 27%, 89%
XYZ	55.6026, 47.7519, 58.5163
YIQ	187.9580, 27.3220, 22.4740

Conversions

Conversions Part 2

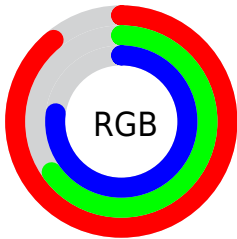
Format	Color
R _Y B	228, 166, 196
Decimal	14984900
CIE Lab	74.67, 27.36, -6.28
CIE LCh	75, 28.073, 347.071
Yxy	47.7519, 0.3435, 0.2950
Android (android.graphics.Color)	4293174980 (0xFFE4A6C4)
YUV	187.9580, 3.9647, 35.1168
Hunter-Lab	69.1027, 22.6979, -1.8349

Details

The Yxy color **47.7519, 0.3435, 0.2950** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **67.6872, 0.2901, 0.3658**, and the grayscale version is **50.2318, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.5944, 0.3155, 0.2988**, and **22.5339, 0.3528, 0.2859** is the 20% darker color. If you saturate the color by 10%, you get **39.6711, 0.3592, 0.2820**, and if you desaturate by 10%, it is **57.3488, 0.3303, 0.3080**.

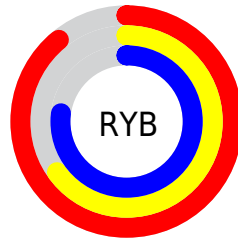
Distribution



Red (89%)

Green (65%)

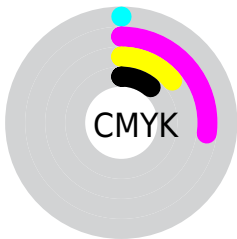
Blue (77%)



Red (89%)

Yellow (65%)

Blue (77%)

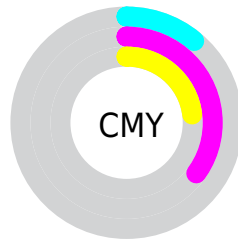


Cyan (0%)

Magenta (27%)

Yellow (14%)

Black (11%)



Cyan (11%)


Magenta (35%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.7519, 0.3435, 0.2950 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 47.7519, 0.3435, 0.2950 by changing the saturation by 10% instead.


 47.7519, 0.3435,
0.2950

 47.7519, 0.3435,
0.2950

377.8079, 0.3284,
0.3115

 33.6305, 0.3472,
0.2910


 86.8349, 0.3381,
0.3009

 22.6098, 0.3519,
0.2860


 112.5652, 0.3360,
0.3031

 14.3057, 0.3580,
0.2795


142.9340, 0.3343,
0.3050

 8.3336, 0.3665,
0.2706

178.3256, 0.3328,
0.3067

 4.3091, 0.3788,
0.2579

219.1243, 0.3315,
0.3081

 1.8479, 0.3983,
0.2383

265.7147, 0.3303,

 0.5168, 0.4415,

0.3094

0.1900

318.4811, 0.3293,
0.3105

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

47.7519, 0.3435,
0.2950

47.7519, 0.3435,
0.2950

39.6711, 0.3592,
0.2820

57.3488, 0.3303,
0.3080

33.0214, 0.3777,
0.2696

68.5281, 0.3194,
0.3204

27.7190, 0.3989,
0.2587

81.3601, 0.3104,
0.3322

23.6689, 0.4226,
0.2506

94.4953, 0.3029,
0.3410

■ 20.7636, 0.4481,
0.2464

■ 95.2297, 0.2965,
0.3291

■ 18.8769, 0.4740,
0.2473

■ 95.2389, 0.2964,
0.3290

■ 17.8436, 0.4989,
0.2537

■ 17.6321, 0.5057,
0.2560

Harmonies

Analogous

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



47.7519, 0.3039, 0.2741



47.7519, 0.3435, 0.2950



47.7519, 0.3760, 0.3241

Triad

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



47.7519, 0.3435, 0.2950



47.7519, 0.3552, 0.3983



47.7519, 0.2408, 0.2946

Complementary

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



47.7519, 0.3435, 0.2950



67.6872, 0.2901, 0.3658

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.



47.7519, 0.2527, 0.3292



47.7519, 0.3435, 0.2950



47.7519, 0.3177, 0.3930

Square

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



47.7519, 0.3435, 0.2950



47.7519, 0.3822, 0.3834



47.7519, 0.2803, 0.3667



47.7519, 0.2466, 0.2723

Rectangle

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



47.7519, 0.3435, 0.2950



47.7519, 0.3880, 0.3454



47.7519, 0.2803, 0.3667



47.7519, 0.2429, 0.3050

Sweetspot

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



47.7541, 0.3435, 0.2950



87.0082, 0.3202, 0.3194



44.7440, 0.2899, 0.2560



18.1335, 0.3218, 0.3176



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.



47.7541, 0.3435, 0.2950



55.0609, 0.3526, 0.2872



46.5209, 0.3716, 0.3292



14.4836, 0.3217, 0.3177



10.2021, 0.5022, 0.2540



0.7726, 0.4687, 0.2356

Inverse Universe

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



47.7541, 0.3435, 0.2950



55.0609, 0.3526, 0.2872



69.2126, 0.2732, 0.3289



14.4836, 0.3217, 0.3177



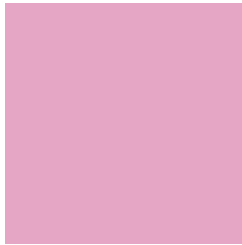
10.2021, 0.5022, 0.2540



0.7726, 0.4687, 0.2356

Previews

White Background



This preview shows how the Yxy color 47.7519, 0.3435, 0.2950 looks on a white background.

Color Contrast Check

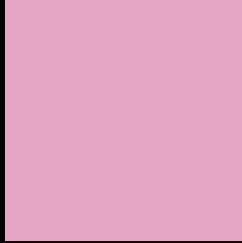
Large Text (above 18pt) WCAG AA × Fail

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 47.7519, 0.3435, 0.2950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

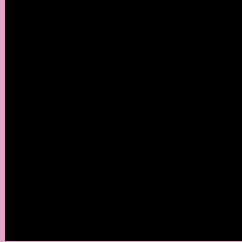
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.7519, 0.3435, 0.2950

Background



This preview shows how black text looks on a background with the Yxy color 47.7519, 0.3435, 0.2950.



This preview shows how white text looks on a background with the Yxy color 47.7519, 0.3435, 0.2950.

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

47.7519, 0.3435, 0.2950

Protanopia

48.1470, 0.2937, 0.3000

Deuteranopia

48.1410, 0.3170, 0.3105



Tritanopia

47.5102, 0.3550, 0.3141

Trichromacy



Original Color

47.7519, 0.3435, 0.2950

Protanomaly

47.7143, 0.3107, 0.2985

Deuteranomaly

47.7675, 0.3262, 0.3039

Tritanomaly

47.5135, 0.3515, 0.3073

Monochromacy



Original Color

47.7519, 0.3435, 0.2950

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

49.1006, 0.3237, 0.3156

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.7519, 0.3435, 0.2950 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, 166, 196)` looks like.

```
.text, #text, p{  
    color:rgb(228, 166, 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(228, 166, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 166, 196) }
```

Border

The CSS property to change the border of an element to Yxy 47.7519, 0.3435, 0.2950 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, 166, 196) }
```

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

```
.border{ border-color:rgb(228, 166, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 166, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 166, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 166, 196);  
box-shadow:4px 4px 4px 4px rgb(228, 166,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 47.7519, 0.3435, 0.2950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 166, 196) }
```

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

```
.background{ background-color: rgb(228,  
166, 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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