

Converting Colors

$Y_{xy}(49.5311, 0.3495, 0.2986)$

Have a look what the booklet for
Yxy(49.5311, 0.3495, 0.2986)
contains.

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Color

Yxy(49.4378, 0.3495, 0.2990)

Conversions

Conversions Part 1

Format	Color
Hex	EAA8C3
RGB	234, 168, 195
RGB Percent	92%, 66%, 76%
CMY	0.0823, 0.3412, 0.2353
CMYK	0.00, 0.28, 0.17, 0.08
HSL	335°, 61%, 79%
HSV	335°, 28%, 92%
XYZ	57.7877, 49.4378, 58.1184
YIQ	190.8120, 30.6690, 22.3890

Conversions

Conversions Part 2

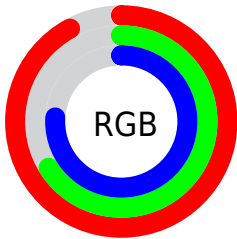
Format	Color
R _Y B	234, 168, 195
Decimal	15378627
CIE Lab	75.72, 28.22, -4.09
CIE LCh	76, 28.518, 351.748
Yxy	49.4378, 0.3495, 0.2990
Android (android.graphics.Color)	4293568707 (0xFFEAA8C3)
YUV	190.8120, 2.0647, 37.8759
Hunter-Lab	70.3120, 23.6586, 0.2106

Details

The Yxy color $49.4378, 0.3495, 0.2990$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $71.6872, 0.2865, 0.3613$, and the grayscale version is $51.9616, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.5996, 0.3161, 0.3018$, and $23.5317, 0.3597, 0.2912$ is the 20% darker color. If you saturate the color by 10%, you get $40.9659, 0.3680, 0.2879$, and if you desaturate by 10%, it is $59.5270, 0.3341, 0.3101$.

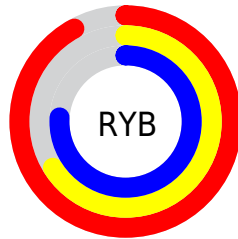
Distribution



Red (92%)

Green (66%)

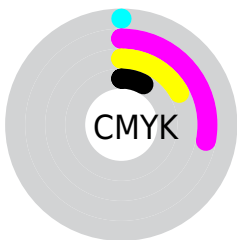
Blue (76%)



Red (92%)

Yellow (66%)

Blue (76%)

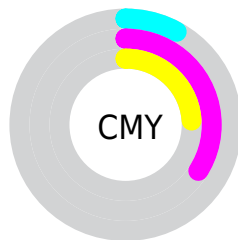


Cyan (0%)

Magenta (28%)

Yellow (17%)

Black (8%)



Cyan (8%)


Magenta (34%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.4378, 0.3495, 0.2990 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 49.4378, 0.3495, 0.2990 by changing the saturation by 10% instead.


 49.4378, 0.3495,
0.2990

 49.4378, 0.3495,
0.2990


384.4633, 0.3314,
0.3136

 34.9669, 0.3539,
0.2955


 89.3413, 0.3430,
0.3042

 23.6374, 0.3595,
0.2910


 115.5428, 0.3406,
0.3062

 15.0648, 0.3669,
0.2853


146.4231, 0.3385,
0.3079

 8.8649, 0.3770,
0.2774

182.3669, 0.3367,
0.3093

 4.6532, 0.3917,
0.2661

223.7584, 0.3351,
0.3106

 2.0452, 0.4150,
0.2487

270.9820, 0.3337,

 0.6336, 0.4608,

0.3117

0.2122

324.4222, 0.3325,
0.3127

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

49.4378, 0.3495,
0.2990

49.4378, 0.3495,
0.2990

40.9659, 0.3680,
0.2879

59.5270, 0.3341,
0.3101

34.0196, 0.3900,
0.2775

71.3054, 0.3214,
0.3207

28.5082, 0.4154,
0.2687

84.8487, 0.3110,
0.3307

24.3286, 0.4438,
0.2626

95.9383, 0.3025,
0.3336

■ 21.3638, 0.4742,
0.2606

■ 96.2355, 0.2999,
0.3290

■ 19.4759, 0.5046,
0.2637

■ 18.4709, 0.5330,
0.2720

■ 18.3339, 0.5379,
0.2737

Harmonies

Analogous

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



49.4378, 0.3100, 0.2765



49.4378, 0.3495, 0.2990



49.4378, 0.3799, 0.3290

Triad

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



49.4378, 0.3495, 0.2990



49.4378, 0.3499, 0.3993



49.4378, 0.2403, 0.2900

Complementary

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



49.4378, 0.3495, 0.2990



71.6872, 0.2865, 0.3613

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.



49.4378, 0.2495, 0.3232



49.4378, 0.3495, 0.2990



49.4378, 0.3115, 0.3904

Square

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



49.4378, 0.3495, 0.2990



49.4378, 0.3794, 0.3870



49.4378, 0.2750, 0.3613



49.4378, 0.2488, 0.2700

Rectangle

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



49.4378, 0.3495, 0.2990



49.4378, 0.3897, 0.3504



49.4378, 0.2750, 0.3613



49.4378, 0.2414, 0.2998

Sweetspot

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



49.4401, 0.3495, 0.2990



86.9153, 0.3212, 0.3209



47.1415, 0.2933, 0.2539



18.1102, 0.3230, 0.3193



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.



49.4401, 0.3495, 0.2990



53.7234, 0.3601, 0.2924



50.4022, 0.3730, 0.3354



15.1561, 0.3229, 0.3194



10.3244, 0.5339, 0.2715



0.8294, 0.4977, 0.2515

Inverse Universe

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



49.4401, 0.3495, 0.2990



53.7234, 0.3601, 0.2924



70.0378, 0.2711, 0.3225



15.1561, 0.3229, 0.3194



10.3244, 0.5339, 0.2715



0.8294, 0.4977, 0.2515

Previews

White Background



This preview shows how the Yxy color 49.4378, 0.3495, 0.2990 looks on a white background.

Color Contrast Check

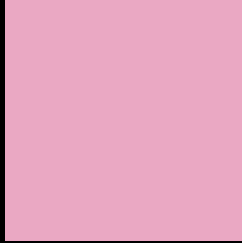
Large Text (above 18pt) WCAG AA × Fail

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 49.4378, 0.3495, 0.2990 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 49.4378, 0.3495, 0.2990

Background



This preview shows how black text looks on a background with the Yxy color 49.4378, 0.3495, 0.2990.



This preview shows how white text looks on a background with the Yxy color 49.4378, 0.3495, 0.2990.

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

49.4378, 0.3495, 0.2990

Protanopia

49.8883, 0.2969, 0.3041

Deuteranopia

49.4546, 0.3211, 0.3144



Tritanopia

49.4920, 0.3591, 0.3145

Trichromacy



Original Color

49.4378, 0.3495, 0.2990

Protanomaly

49.2010, 0.3149, 0.3013

Deuteranomaly

49.2419, 0.3312, 0.3078

Tritanomaly

49.2874, 0.3557, 0.3088

Monochromacy



Original Color

49.4378, 0.3495, 0.2990

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

50.9381, 0.3260, 0.3182

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.4378, 0.3495, 0.2990 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(234, 168, 195)` looks like.

```
.text, #text, p{  
    color:rgb(234, 168, 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(234, 168, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 168, 195) }
```

Border

The CSS property to change the border of an element to Yxy 49.4378, 0.3495, 0.2990 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(234, 168, 195) }
```

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

```
.border{ border-color:rgb(234, 168, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 168, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 168, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 168, 195);  
box-shadow:4px 4px 4px 4px rgb(234, 168,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 49.4378, 0.3495, 0.2990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 168, 195) }
```

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

```
.background{ background-color: rgb(234,  
168, 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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