

Converting Colors

Yxy(50.4305, 0.3492, 0.3098)

Have a look what the booklet for
Yxy(50.4305, 0.3492, 0.3098)
contains.

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Color

Yxy(50.4278, 0.3494, 0.3098)

Conversions

Conversions Part 1

Format	Color
Hex	E6ADBE
RGB	230, 173, 190
RGB Percent	90%, 68%, 75%
CMY	0.0980, 0.3216, 0.2547
CMYK	0.00, 0.25, 0.17, 0.10
HSL	342°, 53%, 79%
HSV	342°, 25%, 90%
XYZ	56.8737, 50.4278, 55.4738
YIQ	191.9810, 28.5150, 17.3710

Conversions

Conversions Part 2

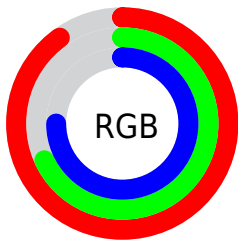
Format	Color
RYB	230, 173, 190
Decimal	15117758
CIELab	76.33, 23.36, -0.55
CIELCh	76, 23.363, 358.662
Yxy	50.4278, 0.3494, 0.3098
Android (android.graphics.Color)	4293307838 (0xFFE6ADBE)
YUV	191.9810, -0.9766, 33.3427
Hunter-Lab	71.0125, 18.6881, 3.3924

Details

The Yxy color **50.4278, 0.3494, 0.3098** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **70.2789, 0.2859, 0.3492**, and the grayscale version is **52.6962, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.9524, 0.3196, 0.3124**, and **24.2378, 0.3597, 0.3039** is the 20% darker color. If you saturate the color by 10%, you get **41.6888, 0.3702, 0.3016**, and if you desaturate by 10%, it is **60.7676, 0.3323, 0.3179**.

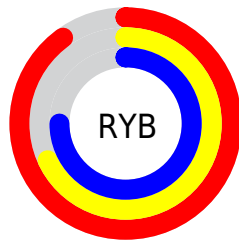
Distribution



Red (90%)

Green (68%)

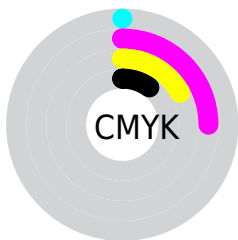
Blue (75%)



Red (90%)

Yellow (68%)

Blue (75%)

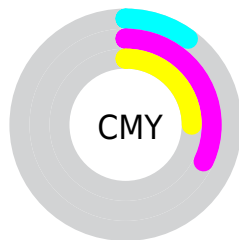


Cyan (0%)

Magenta (25%)

Yellow (17%)

Black (10%)



Cyan (10%)


Magenta (32%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.4278, 0.3494, 0.3098 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 50.4278, 0.3494, 0.3098 by changing the saturation by 10% instead.


 50.4278, 0.3494,
0.3098

 50.4278, 0.3494,
0.3098


388.3366, 0.3313,
0.3193

 35.7534, 0.3538,
0.3075


 90.8084, 0.3429,
0.3132

 24.2438, 0.3595,
0.3045


117.2834, 0.3404,
0.3145

 15.5146, 0.3670,
0.3007


148.4608, 0.3383,
0.3156

 9.1813, 0.3772,
0.2953

184.7249, 0.3365,
0.3165

 4.8596, 0.3923,
0.2876

226.4601, 0.3350,
0.3173

 2.1651, 0.4163,
0.2752

274.0509, 0.3336,

 0.7009, 0.4642,

0.3181

0.2500

327.8816, 0.3324,
0.3187

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.4278, 0.3494,
0.3098

50.4278, 0.3494,
0.3098

41.6888, 0.3702,
0.3016

60.7676, 0.3323,
0.3179

34.4635, 0.3954,
0.2938

72.7760, 0.3184,
0.3255

28.6669, 0.4250,
0.2871

86.5252, 0.3071,
0.3327

24.2026, 0.4587,
0.2824

95.5329, 0.2978,
0.3294

■ 20.9623, 0.4952,
0.2811

■ 95.5626, 0.2976,
0.3290

■ 18.8205, 0.5317,
0.2841

■ 17.6239, 0.5648,
0.2918

■ 17.2493, 0.5801,
0.2969

Harmonies

Analogous

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



50.4278, 0.3183, 0.2892



50.4278, 0.3494, 0.3098



50.4278, 0.3709, 0.3356

Triad

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



50.4278, 0.3494, 0.3098



50.4278, 0.3365, 0.3857



50.4278, 0.2534, 0.2926

Complementary

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



50.4278, 0.3494, 0.3098



70.2789, 0.2859, 0.3492

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.



50.4278, 0.2578, 0.3178



50.4278, 0.3494, 0.3098



50.4278, 0.3048, 0.3742

Square

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



50.4278, 0.3494, 0.3098



50.4278, 0.3628, 0.3801



50.4278, 0.2762, 0.3484



50.4278, 0.2638, 0.2787

Rectangle

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



50.4278, 0.3494, 0.3098



50.4278, 0.3761, 0.3530



50.4278, 0.2762, 0.3484



50.4278, 0.2532, 0.2999

Sweetspot

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



50.4301, 0.3494, 0.3098



88.3553, 0.3213, 0.3238



49.7321, 0.3015, 0.2648



18.7077, 0.3221, 0.3234



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.



50.4301, 0.3494, 0.3098



57.5346, 0.3601, 0.3054



54.2878, 0.3617, 0.3421



14.4386, 0.3246, 0.3220



9.7846, 0.5760, 0.2947



0.7390, 0.5344, 0.2717

Inverse Universe

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



50.4301, 0.3494, 0.3098



57.5346, 0.3601, 0.3054



65.0514, 0.2752, 0.3154



14.4386, 0.3246, 0.3220



9.7846, 0.5760, 0.2947



0.7390, 0.5344, 0.2717

Previews

White Background



This preview shows how the Yxy color 50.4278, 0.3494, 0.3098 looks on a white background.

Color Contrast Check

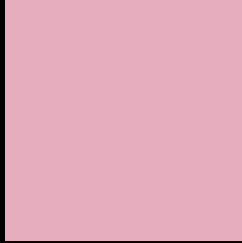
Large Text (above 18pt) WCAG AA × Fail

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 50.4278, 0.3494, 0.3098 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 50.4278, 0.3494, 0.3098

Background



This preview shows how black text looks on a background with the Yxy color 50.4278, 0.3494, 0.3098.



This preview shows how white text looks on a background with the Yxy color 50.4278, 0.3494, 0.3098.

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

50.4278, 0.3494, 0.3098

Protanopia

50.4830, 0.3052, 0.3141

Deuteranopia

50.7632, 0.3292, 0.3230



Tritanopia

50.6830, 0.3519, 0.3144

Trichromacy



Original Color

50.4278, 0.3494, 0.3098

Protanomaly

50.2788, 0.3203, 0.3121

Deuteranomaly

50.3614, 0.3359, 0.3172

Tritanomaly

50.7259, 0.3510, 0.3132

Monochromacy



Original Color

50.4278, 0.3494, 0.3098

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

51.5813, 0.3257, 0.3218

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.4278, 0.3494, 0.3098 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, 173, 190)` looks like.

```
.text, #text, p{  
    color:rgb(230, 173, 190)  
}
```

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, 173, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 173, 190) }
```

Border

The CSS property to change the border of an element to Yxy 50.4278, 0.3494, 0.3098 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, 173, 190) }
```

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

```
.border{ border-color:rgb(230, 173, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 173, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 173, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 173, 190);  
box-shadow:4px 4px 4px 4px rgb(230, 173,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 50.4278, 0.3494, 0.3098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 173, 190) }
```

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

```
.background{ background-color: rgb(230,  
173, 190) }
```

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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