

Converting Colors

$Y_{xy}(50.0291, 0.3355, 0.2964)$

Have a look what the booklet for
Yxy(50.0291, 0.3355, 0.2964)
contains.

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Color

Yxy(50.1117, 0.3353, 0.2972)

Conversions

Conversions Part 1

Format	Color
Hex	E1ADC9
RGB	225, 173, 201
RGB Percent	88%, 68%, 79%
CMY	0.1177, 0.3215, 0.2117
CMYK	0.00, 0.23, 0.11, 0.12
HSL	328°, 46%, 78%
HSV	328°, 23%, 88%
XYZ	56.5358, 50.1117, 61.9652
YIQ	191.7400, 22.0040, 19.7320

Conversions

Conversions Part 2

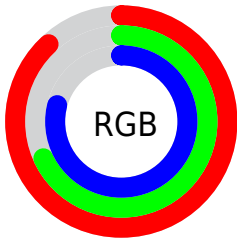
Format	Color
R _Y B	225, 173, 201
Decimal	14790089
CIE Lab	76.14, 23.35, -6.88
CIE LCh	76, 24.346, 343.582
Yxy	50.1117, 0.3353, 0.2972
Android (android.graphics.Color)	4292980169 (0xFFE1ADC9)
YUV	191.7400, 4.5652, 29.1690
Hunter-Lab	70.7896, 18.6765, -2.3463

Details

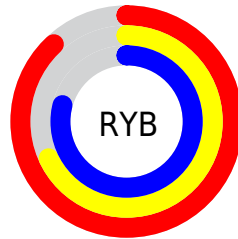
The Yxy color **50.1117, 0.3353, 0.2972** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **66.7572, 0.2950, 0.3632**, and the grayscale version is **52.5174, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.5186, 0.3139, 0.3039**, and **23.9745, 0.3413, 0.2887** is the 20% darker color. If you saturate the color by 10%, you get **41.7274, 0.3483, 0.2828**, and if you desaturate by 10%, it is **59.9862, 0.3243, 0.3114**.

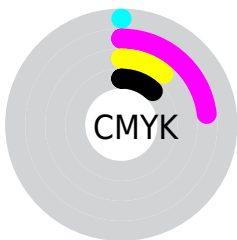
Distribution



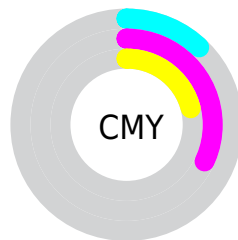
- Red (88%)
- Green (68%)
- Blue (79%)



- Red (88%)
- Yellow (68%)
- Blue (79%)



- Cyan (0%)
- Magenta (23%)
- Yellow (11%)
- Black (12%)





- Cyan (12%)
- Magenta (32%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.1117, 0.3353, 0.2972 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 50.1117, 0.3353, 0.2972 by changing the saturation by 10% instead.


 50.1117, 0.3353,
0.2972

 50.1117, 0.3353,
0.2972


387.1026, 0.3243,
0.3125

 35.5022, 0.3379,
0.2935


 90.3404, 0.3314,
0.3026

 24.0500, 0.3413,
0.2889


116.7283, 0.3299,
0.3047

 15.3707, 0.3456,
0.2830


147.8111, 0.3286,
0.3065

 9.0799, 0.3516,
0.2749

183.9732, 0.3275,
0.3080

 4.7934, 0.3600,
0.2635

225.5990, 0.3266,
0.3094

 2.1265, 0.3732,
0.2461

273.0729, 0.3257,

 0.6795, 0.3984,

0.3105

326.7793, 0.3250,
0.3116

0.2125

0.0000, 0.9133,
0.0000

0.0000, 0.0000,
0.0000

50.1117, 0.3353,
0.2972

50.1117, 0.3353,
0.2972

41.7274, 0.3483,
0.2828

59.9862, 0.3243,
0.3114

34.7534, 0.3636,
0.2687

71.4126, 0.3152,
0.3250

29.1121, 0.3813,
0.2558

84.4569, 0.3076,
0.3377

24.7158, 0.4011,
0.2451

93.9666, 0.3014,
0.3416

■ 21.4664, 0.4226,
0.2379

■ 94.6094, 0.2958,
0.3311

■ 19.2505, 0.4449,
0.2354

■ 94.7451, 0.2946,
0.3289

■ 17.9312, 0.4671,
0.2383

■ 17.3921, 0.4819,
0.2428

Harmonies

Analogous

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



50.1117, 0.3015, 0.2802



50.1117, 0.3353, 0.2972



50.1117, 0.3640, 0.3219

Triad

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



50.1117, 0.3353, 0.2972



50.1117, 0.3526, 0.3874



50.1117, 0.2512, 0.3029

Complementary

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



50.1117, 0.3353, 0.2972



66.7572, 0.2950, 0.3632

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.



50.1117, 0.2634, 0.3332



50.1117, 0.3353, 0.2972



50.1117, 0.3212, 0.3846

Square

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



50.1117, 0.3353, 0.2972



50.1117, 0.3739, 0.3736



50.1117, 0.2886, 0.3642



50.1117, 0.2544, 0.2821

Rectangle

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



50.1117, 0.3353, 0.2972



50.1117, 0.3756, 0.3403



50.1117, 0.2886, 0.3642



50.1117, 0.2536, 0.3123

Sweetspot

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



50.1139, 0.3353, 0.2972



88.6166, 0.3186, 0.3197



47.1153, 0.2919, 0.2675



18.7681, 0.3192, 0.3189



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.



50.1139, 0.3353, 0.2972



60.6535, 0.3417, 0.2899



49.0149, 0.3579, 0.3261



13.8235, 0.3208, 0.3164



10.0475, 0.4787, 0.2411



0.7145, 0.4478, 0.2240

Inverse Universe

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



50.1139, 0.3353, 0.2972



60.6535, 0.3417, 0.2899



68.0220, 0.2801, 0.3320



13.8235, 0.3208, 0.3164



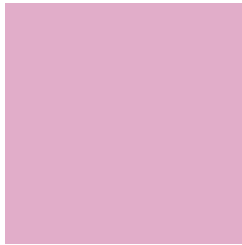
10.0475, 0.4787, 0.2411



0.7145, 0.4478, 0.2240

Previews

White Background



This preview shows how the Yxy color 50.1117, 0.3353, 0.2972 looks on a white background.

Color Contrast Check

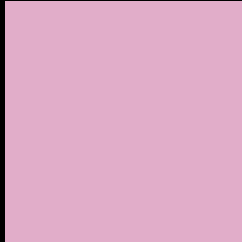
Large Text (above 18pt) WCAG AA × Fail

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 50.1117, 0.3353, 0.2972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

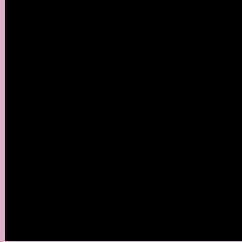
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.1117, 0.3353, 0.2972

Background



This preview shows how black text looks on a background with the Yxy color 50.1117, 0.3353, 0.2972.



This preview shows how white text looks on a background with the Yxy color 50.1117, 0.3353, 0.2972.

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

50.1117, 0.3353, 0.2972

Protanopia

50.5081, 0.2940, 0.3006

Deuteranopia

50.4080, 0.3153, 0.3096



Tritanopia

50.0220, 0.3437, 0.3129

Trichromacy



Original Color

50.1117, 0.3353, 0.2972

Protanomaly

50.2403, 0.3083, 0.2990

Deuteranomaly

50.1120, 0.3224, 0.3042

Tritanomaly

49.9697, 0.3412, 0.3072

Monochromacy



Original Color

50.1117, 0.3353, 0.2972

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

51.4754, 0.3208, 0.3170

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.1117, 0.3353, 0.2972 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(225, 173, 201)` looks like.

```
.text, #text, p{  
    color:rgb(225, 173, 201)  
}
```

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(225, 173, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 173, 201) }
```

Border

The CSS property to change the border of an element to Yxy 50.1117, 0.3353, 0.2972 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(225, 173, 201) }
```

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

```
.border{ border-color:rgb(225, 173, 201) }
```

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

Here you see how a box with a 4 pixel rgb(225, 173, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 173, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 173, 201);  
box-shadow:4px 4px 4px 4px rgb(225, 173,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 50.1117, 0.3353, 0.2972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 173, 201) }
```

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

```
.background{ background-color: rgb(225,  
173, 201) }
```

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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