

Converting Colors

$Yxy(45.3853, 0.3684, 0.3189)$

Have a look what the booklet for
Yxy(45.3853, 0.3684, 0.3189)
contains.

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Color

Yxy(45.2749, 0.3679, 0.3187)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E4A2AB |
| RGB | 228, 162, 171 |
| RGB Percent | 89%, 64%, 67% |
| CMY | 0.1059, 0.3647, 0.3293 |
| CMYK | 0.00, 0.29, 0.25, 0.11 |
| HSL | 352°, 55%, 76% |
| HSV | 352°, 29%, 89% |
| XYZ | 52.2643, 45.2749, 44.5220 |
| YIQ | 182.7600, 36.4470, 16.7910 |

Conversions

Conversions Part 2

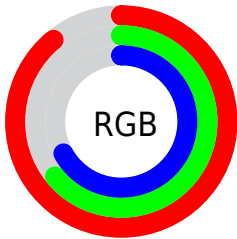
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 228, 162, 171 |
| Decimal | 14983851 |
| CIE Lab | 73.07, 25.70, 5.13 |
| CIE LCh | 73, 26.204, 11.284 |
| Yxy | 45.2749, 0.3679, 0.3187 |
| Android (android.graphics.Color) | 4293173931 (0xFFE4A2AB) |
| YUV | 182.7600, -5.7977, 39.6755 |
| Hunter-Lab | 67.2866, 20.8968, 7.8698 |

Details

The Yxy color **45.2749, 0.3679, 0.3187** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **68.2755, 0.2758, 0.3397**, and the grayscale version is **47.2345, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.3767, 0.3343, 0.3200**, and **21.1417, 0.3835, 0.3154** is the 20% darker color. If you saturate the color by 10%, you get **37.2636, 0.3963, 0.3151**, and if you desaturate by 10%, it is **54.8583, 0.3448, 0.3224**.

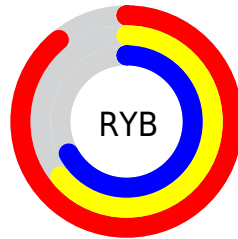
Distribution



Red (89%)

Green (64%)

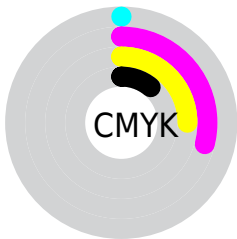
Blue (67%)



Red (89%)

Yellow (64%)

Blue (67%)

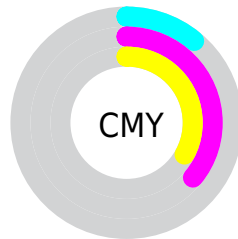


Cyan (0%)

Magenta (29%)

Yellow (25%)

Black (11%)



Cyan (11%)

Magenta (36%)

Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.2749, 0.3679, 0.3187 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 45.2749, 0.3679, 0.3187 by changing the saturation by 10% instead.


 45.2749, 0.3679,
0.3187


 45.2749, 0.3679,
0.3187

367.8858, 0.3400,
0.3242

 31.6740, 0.3749,
0.3172


 83.1328, 0.3577,
0.3208

 21.1126, 0.3840,
0.3152


 108.1585, 0.3539,
0.3216

 13.2064, 0.3962,
0.3124


137.7614, 0.3507,
0.3222

 7.5708, 0.4134,
0.3083

172.3257, 0.3479,
0.3227

 3.8216, 0.4391,
0.3018

212.2360, 0.3455,
0.3232

 1.5743, 0.4820,
0.2898

257.8764, 0.3435,

 0.3401, 0.7307,

0.3236

0.2602

309.6316, 0.3416,
0.3239

0.0000, 0.0000,
0.0000

45.2749, 0.3679,
0.3187

45.2749, 0.3679,
0.3187

37.2636, 0.3963,
0.3151

54.8583, 0.3448,
0.3224

30.7343, 0.4304,
0.3118

66.0849, 0.3262,
0.3260

25.5978, 0.4702,
0.3096

79.0291, 0.3113,
0.3293

21.7525, 0.5138,
0.3089

93.7588, 0.2992,
0.3324

19.0828, 0.5573,
0.3106

95.2319, 0.2964,
0.3290

■ 17.4527, 0.5951,
0.3149

■ 16.6555, 0.6220,
0.3208

■ 16.5916, 0.6243,
0.3213

Harmonies

Analogous

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



45.2749, 0.3349, 0.2920



45.2749, 0.3679, 0.3187



45.2749, 0.3854, 0.3490

Triad

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



45.2749, 0.3679, 0.3187



45.2749, 0.3247, 0.3923



45.2749, 0.2473, 0.2781

Complementary

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



45.2749, 0.3679, 0.3187



68.2755, 0.2758, 0.3397

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.



45.2749, 0.2451, 0.3020



45.2749, 0.3679, 0.3187



45.2749, 0.2884, 0.3707

Square

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



45.2749, 0.3679, 0.3187



45.2749, 0.3592, 0.3935



45.2749, 0.2596, 0.3363



45.2749, 0.2658, 0.2687

Rectangle

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



45.2749, 0.3679, 0.3187



45.2749, 0.3854, 0.3681



45.2749, 0.2596, 0.3363



45.2749, 0.2447, 0.2845

Sweetspot

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



45.2770, 0.3679, 0.3187



85.0102, 0.3264, 0.3260



46.3642, 0.3076, 0.2553



17.7139, 0.3289, 0.3254



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.



45.2770, 0.3679, 0.3187



51.6535, 0.3850, 0.3164



53.8414, 0.3692, 0.3557



14.3999, 0.3271, 0.3258



9.5918, 0.6217, 0.3198



0.7191, 0.5879, 0.3012

Inverse Universe

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



45.2770, 0.3679, 0.3187



51.6535, 0.3850, 0.3164



56.8956, 0.2679, 0.3006



14.3999, 0.3271, 0.3258



9.5918, 0.6217, 0.3198



0.7191, 0.5879, 0.3012

Previews

White Background



This preview shows how the Yxy color 45.2749, 0.3679, 0.3187 looks on a white background.

Color Contrast Check

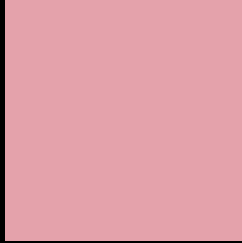
Large Text (above 18pt) WCAG AA × Fail

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 45.2749, 0.3679, 0.3187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

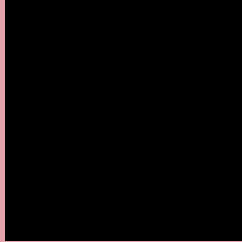
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.2749, 0.3679, 0.3187

Background



This preview shows how black text looks on a background with the Yxy color 45.2749, 0.3679, 0.3187.



This preview shows how white text looks on a background with the Yxy color 45.2749, 0.3679, 0.3187.

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

45.2749, 0.3679, 0.3187

Protanopia

45.6028, 0.3154, 0.3277

Deuteranopia

45.5542, 0.3415, 0.3354



Tritanopia

45.3906, 0.3650, 0.3153

Trichromacy



Original Color

45.2749, 0.3679, 0.3187

Protanomaly

45.2036, 0.3328, 0.3240

Deuteranomaly

45.5006, 0.3508, 0.3291

Tritanomaly

45.3518, 0.3660, 0.3164

Monochromacy



Original Color

45.2749, 0.3679, 0.3187

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

46.0567, 0.3308, 0.3240

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.2749, 0.3679, 0.3187 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, 162, 171)` looks like.

```
.text, #text, p{  
    color:rgb(228, 162, 171)  
}
```

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, 162, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 162, 171) }
```

Border

The CSS property to change the border of an element to Yxy 45.2749, 0.3679, 0.3187 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, 162, 171) }
```

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

```
.border{ border-color:rgb(228, 162, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 162, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 162, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 162, 171);  
box-shadow:4px 4px 4px 4px rgb(228, 162,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 45.2749, 0.3679, 0.3187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 162, 171) }
```

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

```
.background{ background-color: rgb(228,  
162, 171) }
```

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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