

Converting Colors

$Y_{xy}(45.2949, 0.3360, 0.2789)$

Have a look what the booklet for
Yxy(45.2949, 0.3360, 0.2789)
contains.

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Color

Yxy(45.2768, 0.3363, 0.2792)

Conversions

Conversions Part 1

Format	Color
Hex	E29FCB
RGB	226, 159, 203
RGB Percent	89%, 62%, 80%
CMY	0.1138, 0.3764, 0.2040
CMYK	0.00, 0.30, 0.10, 0.11
HSL	321°, 54%, 75%
HSV	321°, 30%, 89%
XYZ	54.5365, 45.2768, 62.3529
YIQ	184.0490, 25.8080, 27.8880

Conversions

Conversions Part 2

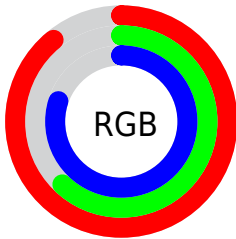
Format	Color
R _Y B	226, 159, 203
Decimal	14852043
CIE Lab	73.07, 31.54, -12.51
CIE LCh	73, 33.934, 338.369
Yxy	45.2768, 0.3363, 0.2792
Android (android.graphics.Color)	4293042123 (0xFFE29FCB)
YUV	184.0490, 9.3428, 36.7910
Hunter-Lab	67.2880, 26.9190, -7.8398

Details

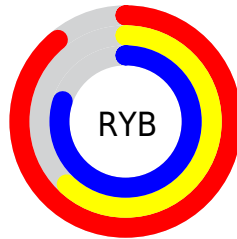
The Yxy color $45.2768, 0.3363, 0.2792$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $65.1361, 0.2950, 0.3848$, and the grayscale version is $47.8987, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.5731, 0.3146, 0.2891$, and $21.2314, 0.3425, 0.2668$ is the 20% darker color. If you saturate the color by 10%, you get $37.8424, 0.3470, 0.2621$, and if you desaturate by 10%, it is $54.1547, 0.3270, 0.2965$.

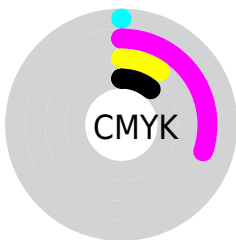
Distribution



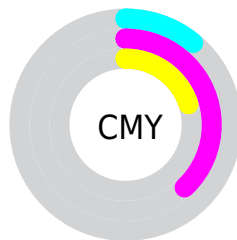
- Red (89%)
- Green (62%)
- Blue (80%)



- Red (89%)
- Yellow (62%)
- Blue (80%)



- Cyan (0%)
- Magenta (30%)
- Yellow (10%)
- Black (11%)





- Cyan (11%)
- Magenta (38%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.2768, 0.3363, 0.2792 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 45.2768, 0.3363, 0.2792 by changing the saturation by 10% instead.


 45.2768, 0.3363,
0.2792


 45.2768, 0.3363,
0.2792

367.8935, 0.3250,
0.3032

 31.6755, 0.3390,
0.2735

 83.1356, 0.3323,
0.2877

 21.1138, 0.3424,
0.2663


 108.1619, 0.3307,
0.2910

 13.2072, 0.3468,
0.2570


137.7654, 0.3294,
0.2937

 7.5714, 0.3527,
0.2446

172.3304, 0.3283,
0.2961

 3.8219, 0.3611,
0.2270

212.2413, 0.3273,
0.2982

 1.5745, 0.3737,
0.2005

257.8825, 0.3264,

 0.3403, 0.4096,

0.3001

0.1245

309.6384, 0.3256,
0.3017

0.0000, 0.5098,
0.0000

0.0000, 0.0000,
0.0000

45.2768, 0.3363,
0.2792

45.2768, 0.3363,
0.2792

37.8424, 0.3470,
0.2621

54.1547, 0.3270,
0.2965

31.7675, 0.3592,
0.2461

64.5417, 0.3191,
0.3134

26.9690, 0.3728,
0.2320

76.5071, 0.3125,
0.3296

23.3522, 0.3873,
0.2211

90.1137, 0.3069,
0.3448

■ 20.8087, 0.4025,
0.2145

■ 94.0851, 0.3024,
0.3423

■ 19.2104, 0.4177,
0.2128

■ 94.5610, 0.2982,
0.3344

■ 18.3430, 0.4326,
0.2158

■ 94.9066, 0.2952,
0.3289

■ 18.3162, 0.4331,
0.2160

Harmonies

Analogous

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



45.2768, 0.2880, 0.2581



45.2768, 0.3363, 0.2792



45.2768, 0.3808, 0.3116

Triad

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



45.2768, 0.3363, 0.2792



45.2768, 0.3757, 0.4109



45.2768, 0.2276, 0.2970

Complementary

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



45.2768, 0.3363, 0.2792



65.1361, 0.2950, 0.3848

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.



45.2768, 0.2474, 0.3425



45.2768, 0.3363, 0.2792



45.2768, 0.3319, 0.4136

Square

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



45.2768, 0.3363, 0.2792



45.2768, 0.4036, 0.3857



45.2768, 0.2850, 0.3878



45.2768, 0.2284, 0.2654

Rectangle

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



45.2768, 0.3363, 0.2792



45.2768, 0.4006, 0.3366



45.2768, 0.2850, 0.3878



45.2768, 0.2319, 0.3111

Sweetspot

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



45.2788, 0.3363, 0.2792



85.7240, 0.3187, 0.3144



40.1563, 0.2781, 0.2468



17.8892, 0.3198, 0.3119



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.



45.2788, 0.3363, 0.2792



52.8784, 0.3432, 0.2679



43.8769, 0.3677, 0.3161



13.8514, 0.3190, 0.3137



10.4739, 0.4309, 0.2147



0.7426, 0.4096, 0.2030

Inverse Universe

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



45.2788, 0.3363, 0.2792



52.8784, 0.3432, 0.2679



66.6552, 0.2761, 0.3425



13.8514, 0.3190, 0.3137



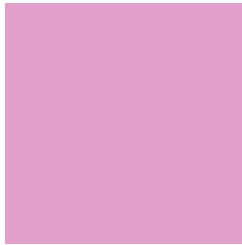
10.4739, 0.4309, 0.2147



0.7426, 0.4096, 0.2030

Previews

White Background



This preview shows how the Yxy color 45.2768, 0.3363, 0.2792 looks on a white background.

Color Contrast Check

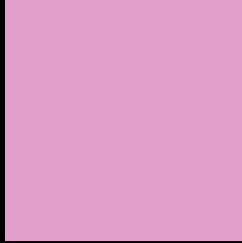
Large Text (above 18pt) WCAG AA × Fail

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 45.2768, 0.3363, 0.2792 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 45.2768, 0.3363, 0.2792

Background



This preview shows how black text looks on a background with the Yxy color 45.2768, 0.3363, 0.2792.



This preview shows how white text looks on a background with the Yxy color 45.2768, 0.3363, 0.2792.

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

45.2768, 0.3363, 0.2792

Protanopia

45.5693, 0.2793, 0.2808

Deuteranopia

45.5214, 0.3039, 0.2975



Tritanopia

45.3735, 0.3579, 0.3150

Trichromacy



Original Color

45.2768, 0.3363, 0.2792

Protanomaly

45.0354, 0.2987, 0.2799

Deuteranomaly

45.1495, 0.3154, 0.2901

Tritanomaly

45.2331, 0.3498, 0.3012

Monochromacy



Original Color

45.2768, 0.3363, 0.2792

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

46.5636, 0.3207, 0.3092

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.2768, 0.3363, 0.2792 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(226, 159, 203)` looks like.

```
.text, #text, p{  
    color:rgb(226, 159, 203)  
}
```

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(226, 159, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 159, 203) }
```

Border

The CSS property to change the border of an element to Yxy 45.2768, 0.3363, 0.2792 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(226, 159, 203) }
```

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

```
.border{ border-color:rgb(226, 159, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 159, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 159, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 159, 203);  
box-shadow:4px 4px 4px 4px rgb(226, 159,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 45.2768, 0.3363, 0.2792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 159, 203) }
```

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

```
.background{ background-color: rgb(226,  
159, 203) }
```

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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