

Converting Colors

$Y_{xy}(53.2290, 0.3119, 0.2583)$

Have a look what the booklet for
Yxy(53.2290, 0.3119, 0.2583)
contains.

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Color

Yxy(53.2295, 0.3119, 0.2583)

Conversions

Conversions Part 1

Format	Color
Hex	EAACEF
RGB	234, 172, 239
RGB Percent	92%, 67%, 94%
CMY	0.0822, 0.3255, 0.0626
CMYK	0.02, 0.28, 0.00, 0.06
HSL	296°, 68%, 81%
HSV	296°, 28%, 94%
XYZ	64.2752, 53.2295, 88.5716
YIQ	198.1760, 15.4450, 33.9810

Conversions

Conversions Part 2

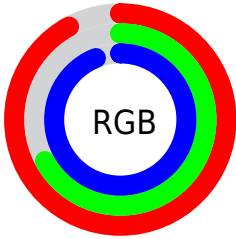
Format	Color
RYB	234, 172, 239
Decimal	15379695
CIELab	78.01, 33.66, -24.61
CIELCh	78, 41.695, 323.822
Yxy	53.2295, 0.3119, 0.2583
Android (android.graphics.Color)	4293569775 (0xFFEAACEF)
YUV	198.1760, 20.1262, 31.4176
Hunter-Lab	72.9585, 29.5779, -20.9070

Details

The Yxy color **53.2295, 0.3119, 0.2583** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **74.0750, 0.3121, 0.4095**, and the grayscale version is **56.4554, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.9668, 0.3139, 0.3029**, and **25.9597, 0.3101, 0.2420** is the 20% darker color. If you saturate the color by 10%, you get **44.6376, 0.3112, 0.2333**, and if you desaturate by 10%, it is **63.4653, 0.3124, 0.2839**.

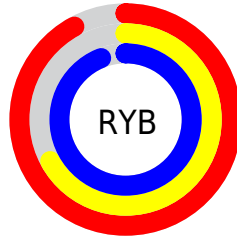
Distribution



Red (92%)

Green (67%)

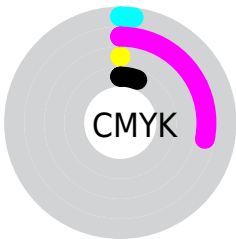
Blue (94%)



Red (92%)

Yellow (67%)

Blue (94%)

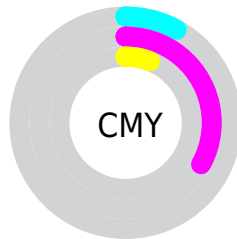


Cyan (2%)

Magenta (28%)

Yellow (0%)

Black (6%)



Cyan (8%)


Magenta (33%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.2295, 0.3119, 0.2583 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 53.2295, 0.3119, 0.2583 by changing the saturation by 10% instead.


 53.2295, 0.3119,
0.2583

 53.2295, 0.3119,
0.2583


399.1650, 0.3131,
0.2908

 37.9860, 0.3114,
0.2510


 94.9420, 0.3125,
0.2695

 25.9718, 0.3108,
0.2420


122.1798, 0.3126,
0.2739

 16.8026, 0.3097,
0.2307


154.1845, 0.3128,
0.2777

 10.0938, 0.3081,
0.2162

191.3404, 0.3129,
0.2809

 5.4612, 0.3054,
0.1968

234.0321, 0.3129,
0.2838

 2.5203, 0.3004,
0.1700

282.6438, 0.3130,

 0.8868, 0.2900,

0.2864

0.1311

337.5600, 0.3130,
0.2887

0.0000, 0.2795,
0.0000

0.0000, 0.0000,
0.0000

53.2295, 0.3119,
0.2583

53.2295, 0.3119,
0.2583

44.6376, 0.3112,
0.2333

63.4653, 0.3124,
0.2839

37.5949, 0.3102,
0.2098

75.4193, 0.3126,
0.3092

32.0077, 0.3090,
0.1888

89.1695, 0.3127,
0.3337

27.7695, 0.3076,
0.1714

96.4831, 0.3133,
0.3448

■ 24.7589, 0.3060,
0.1581

■ 96.7986, 0.3144,
0.3447

■ 22.8331, 0.3042,
0.1492

■ 97.1172, 0.3155,
0.3447

■ 21.7945, 0.3023,
0.1444

■ 97.4389, 0.3166,
0.3446

■ 21.6385, 0.3020,
0.1437

■ 97.7637, 0.3178,
0.3446

■ 98.0915, 0.3189,
0.3445

Harmonies

Analogous

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



53.2295, 0.2603, 0.2423



53.2295, 0.3119, 0.2583



53.2295, 0.3685, 0.2895

Triad

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



53.2295, 0.3119, 0.2583



53.2295, 0.4041, 0.4113



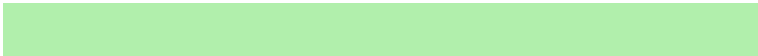
53.2295, 0.2228, 0.3153

Complementary

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



53.2295, 0.3119, 0.2583



74.0750, 0.3121, 0.4095

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.



53.2295, 0.2558, 0.3720



53.2295, 0.3119, 0.2583



53.2295, 0.3601, 0.4304

Square

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



53.2295, 0.3119, 0.2583



53.2295, 0.4239, 0.3737



53.2295, 0.3057, 0.4172



53.2295, 0.2126, 0.2699

Rectangle

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



53.2295, 0.3119, 0.2583



53.2295, 0.3996, 0.3160



53.2295, 0.3057, 0.4172



53.2295, 0.2314, 0.3339

Sweetspot

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



53.2318, 0.3119, 0.2583



87.3805, 0.3126, 0.3093



46.6746, 0.2643, 0.2547



18.2274, 0.3126, 0.3055



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.



53.2318, 0.3119, 0.2583



55.3905, 0.3115, 0.2430



52.5643, 0.3390, 0.2868



15.9679, 0.3126, 0.3057



11.9798, 0.3023, 0.1439



1.0144, 0.3049, 0.1453

Inverse Universe

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



51.0301, 0.3697, 0.3236



52.4621, 0.3873, 0.3224



74.6871, 0.2931, 0.3754



15.7780, 0.3282, 0.3273



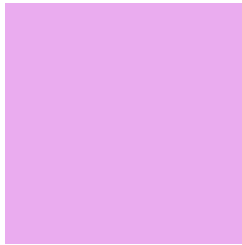
10.1719, 0.6320, 0.3255



0.8528, 0.6124, 0.3147

Previews

White Background



This preview shows how the Yxy color 53.2295, 0.3119, 0.2583 looks on a white background.

Color Contrast Check

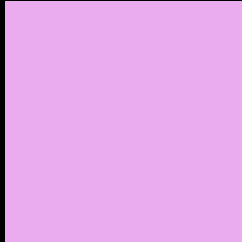
Large Text (above 18pt) WCAG AA × Fail

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 53.2295, 0.3119, 0.2583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

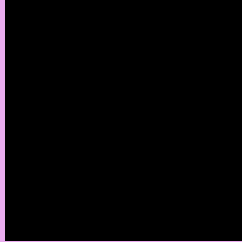
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.2295, 0.3119, 0.2583

Background



This preview shows how black text looks on a background with the Yxy color 53.2295, 0.3119, 0.2583.



This preview shows how white text looks on a background with the Yxy color 53.2295, 0.3119, 0.2583.

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

53.2295, 0.3119, 0.2583

Protanopia

53.7006, 0.2612, 0.2574

Deuteranopia

53.5277, 0.2809, 0.2743



Tritanopia

53.0315, 0.3429, 0.3132

Trichromacy



Original Color

53.2295, 0.3119, 0.2583



Protanomaly

53.0641, 0.2779, 0.2570



Deuteranomaly

53.2468, 0.2919, 0.2682



Tritanomaly

52.9204, 0.3315, 0.2925

Monochromacy



Original Color

53.2295, 0.3119, 0.2583



Achromatopsia

56.4712, 0.3127, 0.3290



Achromatomaly

55.0482, 0.3124, 0.3013

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.2295, 0.3119, 0.2583 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, 172, 239)` looks like.

```
.text, #text, p{  
    color:rgb(234, 172, 239)  
}
```

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, 172, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 172, 239) }
```

Border

The CSS property to change the border of an element to Yxy 53.2295, 0.3119, 0.2583 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, 172, 239) }
```

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

```
.border{ border-color:rgb(234, 172, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 172, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 172, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 172, 239);  
box-shadow:4px 4px 4px 4px rgb(234, 172,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 53.2295, 0.3119, 0.2583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 172, 239) }
```

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

```
.background{ background-color: rgb(234,  
172, 239) }
```

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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