

Converting Colors

Yxy(53.7723, 0.3097, 0.2591)

Have a look what the booklet for
Yxy(53.7723, 0.3097, 0.2591)
contains.

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Color

Yxy(53.7192, 0.3094, 0.2592)

Conversions

Conversions Part 1

Format	Color
Hex	E8AEF0
RGB	232, 174, 240
RGB Percent	91%, 68%, 94%
CMY	0.0905, 0.3175, 0.0589
CMYK	0.03, 0.27, 0.00, 0.06
HSL	293°, 69%, 81%
HSV	293°, 27%, 94%
XYZ	64.1231, 53.7192, 89.4077
YIQ	198.8660, 13.3820, 32.8220

Conversions

Conversions Part 2

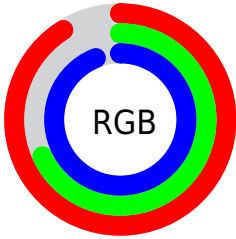
Format	Color
R _Y B	232, 174, 240
Decimal	15249136
CIE Lab	78.30, 32.07, -24.70
CIE LCh	78, 40.481, 322.395
Yxy	53.7192, 0.3094, 0.2592
Android (android.graphics.Color)	4293439216 (0xFFE8AEF0)
YUV	198.8660, 20.2791, 29.0585
Hunter-Lab	73.2934, 27.9032, -21.0201

Details

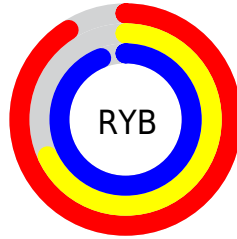
The Yxy color **53.7192, 0.3094, 0.2592** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **75.3187, 0.3142, 0.4072**, and the grayscale version is **56.8940, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.0736, 0.3138, 0.3048**, and **26.3655, 0.3080, 0.2431** is the 20% darker color. If you saturate the color by 10%, you get **44.7746, 0.3076, 0.2336**, and if you desaturate by 10%, it is **64.3331, 0.3109, 0.2851**.

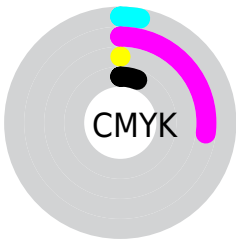
Distribution



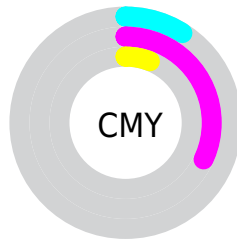
- Red (91%)
- Green (68%)
- Blue (94%)



- Red (91%)
- Yellow (68%)
- Blue (94%)



- Cyan (3%)
- Magenta (27%)
- Yellow (0%)
- Black (6%)




- Cyan (9%)
- Magenta (32%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.7192, 0.3094, 0.2592 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 53.7192, 0.3094, 0.2592 by changing the saturation by 10% instead.


 53.7192, 0.3094,
0.2592

 53.7192, 0.3094,
0.2592


401.0383, 0.3117,
0.2913

 38.3772, 0.3087,
0.2520


 95.6618, 0.3104,
0.2703

 26.2756, 0.3077,
0.2431


123.0313, 0.3107,
0.2746

 17.0299, 0.3062,
0.2320


155.1786, 0.3110,
0.2783

 10.2558, 0.3040,
0.2176

192.4883, 0.3112,
0.2816

 5.5689, 0.3006,
0.1985

235.3447, 0.3114,
0.2844

 2.5848, 0.2945,
0.1720

284.1323, 0.3115,

 0.9190, 0.2827,

0.2870

0.1335

339.2354, 0.3116,
0.2892

0.0000, 0.2696,
0.0000

0.0000, 0.0000,
0.0000

53.7192, 0.3094,
0.2592

53.7192, 0.3094,
0.2592

44.7746, 0.3076,
0.2336

64.3331, 0.3109,
0.2851

37.4040, 0.3053,
0.2093

76.6910, 0.3120,
0.3106

31.5134, 0.3028,
0.1873

90.8714, 0.3129,
0.3350

26.9958, 0.3000,
0.1686

96.9790, 0.3143,
0.3438

■ 23.7298, 0.2969,
0.1540

■ 97.5059, 0.3161,
0.3437

■ 21.5725, 0.2938,
0.1439

■ 98.0411, 0.3180,
0.3436

■ 20.3351, 0.2906,
0.1381

■ 98.5847, 0.3198,
0.3435

■ 20.0945, 0.2898,
0.1370

■ 99.0698, 0.3215,
0.3435

Harmonies

Analogous

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



53.7192, 0.2599, 0.2445



53.7192, 0.3094, 0.2592



53.7192, 0.3643, 0.2890

Triad

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



53.7192, 0.3094, 0.2592



53.7192, 0.4029, 0.4075



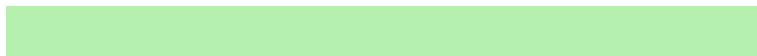
53.7192, 0.2265, 0.3184

Complementary

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



53.7192, 0.3094, 0.2592



75.3187, 0.3142, 0.4072

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.



53.7192, 0.2596, 0.3731



53.7192, 0.3094, 0.2592



53.7192, 0.3612, 0.4268

Square

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



53.7192, 0.3094, 0.2592



53.7192, 0.4205, 0.3707



53.7192, 0.3086, 0.4155



53.7192, 0.2154, 0.2735

Rectangle

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



53.7192, 0.3094, 0.2592



53.7192, 0.3950, 0.3146



53.7192, 0.3086, 0.4155



53.7192, 0.2353, 0.3365

Sweetspot

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



53.7215, 0.3094, 0.2592



87.1989, 0.3120, 0.3092



49.0902, 0.2658, 0.2605



18.1813, 0.3118, 0.3054



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.



53.7215, 0.3094, 0.2592



55.6539, 0.3084, 0.2447



53.7558, 0.3356, 0.2843



15.9279, 0.3118, 0.3056



11.0420, 0.2903, 0.1373



0.9459, 0.2946, 0.1397

Inverse Universe

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



52.1891, 0.3653, 0.3203



53.6701, 0.3805, 0.3184



75.3963, 0.2953, 0.3784



15.7902, 0.3274, 0.3261



10.2005, 0.6248, 0.3215



0.8586, 0.5964, 0.3059

Previews

White Background



This preview shows how the Yxy color 53.7192, 0.3094, 0.2592 looks on a white background.

Color Contrast Check

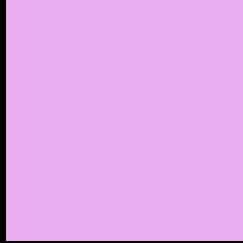
Large Text (above 18pt) WCAG AA × Fail

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 53.7192, 0.3094, 0.2592 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

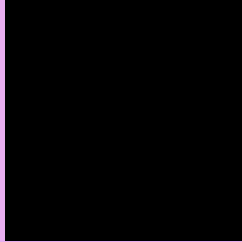
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.7192, 0.3094, 0.2592

Background



This preview shows how black text looks on a background with the Yxy color 53.7192, 0.3094, 0.2592.



This preview shows how white text looks on a background with the Yxy color 53.7192, 0.3094, 0.2592.

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

53.7192, 0.3094, 0.2592

Protanopia

54.2561, 0.2620, 0.2587

Deuteranopia

54.0177, 0.2804, 0.2744



Tritanopia

53.6102, 0.3392, 0.3132

Trichromacy



Original Color

53.7192, 0.3094, 0.2592



Protanomaly

53.4810, 0.2780, 0.2582



Deuteranomaly

53.5758, 0.2905, 0.2682



Tritanomaly

53.4876, 0.3280, 0.2924

Monochromacy



Original Color

53.7192, 0.3094, 0.2592



Achromatopsia

57.1125, 0.3127, 0.3290



Achromatomaly

55.5308, 0.3116, 0.3014

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.7192, 0.3094, 0.2592 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(232, 174, 240)` looks like.

```
.text, #text, p{  
    color:rgb(232, 174, 240)  
}
```

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(232, 174, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 174, 240) }
```

Border

The CSS property to change the border of an element to Yxy 53.7192, 0.3094, 0.2592 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(232, 174, 240) }
```

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

```
.border{ border-color:rgb(232, 174, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 174, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 174, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 174, 240);  
box-shadow:4px 4px 4px 4px rgb(232, 174,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 53.7192, 0.3094, 0.2592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 174, 240) }
```

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

```
.background{ background-color: rgb(232,  
174, 240) }
```

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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