

Converting Colors

$Y_{xy}(53.9073, 0.3102, 0.2529)$

Have a look what the booklet for
Yxy(53.9073, 0.3102, 0.2529)
contains.

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Color

Yxy(53.7229, 0.3098, 0.2523)

Conversions

Conversions Part 1

Format	Color
Hex	EDABF5
RGB	237, 171, 245
RGB Percent	93%, 67%, 96%
CMY	0.0705, 0.3294, 0.0394
CMYK	0.03, 0.30, 0.00, 0.04
HSL	294°, 79%, 82%
HSV	294°, 30%, 96%
XYZ	65.9665, 53.7229, 93.2432
YIQ	199.1700, 15.5820, 37.0060

Conversions

Conversions Part 2

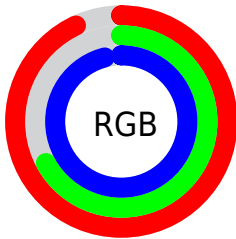
Format	Color
RYP	237, 171, 245
Decimal	15576053
CIELab	78.30, 36.22, -27.34
CIElCh	78, 45.383, 322.957
Yxy	53.7229, 0.3098, 0.2523
Android (android.graphics.Color)	4293766133 (0xFFEDABF5)
YUV	199.1700, 22.5942, 33.1769
Hunter-Lab	73.2959, 32.3827, -24.1185

Details

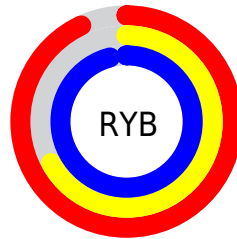
The Yxy color **53.7229, 0.3098, 0.2523** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **77.7969, 0.3135, 0.4164**, and the grayscale version is **57.0760, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.4182, 0.3140, 0.3019**, and **26.3343, 0.3073, 0.2346** is the 20% darker color. If you saturate the color by 10%, you get **44.8628, 0.3082, 0.2271**, and if you desaturate by 10%, it is **64.3090, 0.3111, 0.2782**.

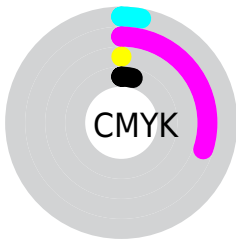
Distribution



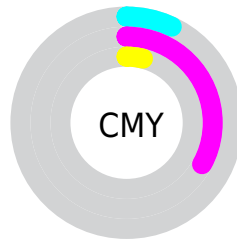
- Red (93%)
- Green (67%)
- Blue (96%)



- Red (93%)
- Yellow (67%)
- Blue (96%)



- Cyan (3%)
- Magenta (30%)
- Yellow (0%)
- Black (4%)




- Cyan (7%)
- Magenta (33%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.7229, 0.3098, 0.2523 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 53.7229, 0.3098, 0.2523 by changing the saturation by 10% instead.

 53.7229, 0.3098,
0.2523

 53.7229, 0.3098,
0.2523


401.0525, 0.3121,
0.2873

 38.3802, 0.3090,
0.2445


 95.6673, 0.3108,
0.2643

 26.2779, 0.3080,
0.2350


123.0377, 0.3111,
0.2690

 17.0316, 0.3065,
0.2230


155.1861, 0.3114,
0.2731

 10.2571, 0.3042,
0.2078

192.4970, 0.3116,
0.2766

 5.5697, 0.3005,
0.1877

235.3547, 0.3118,
0.2798

 2.5853, 0.2940,
0.1603

284.1435, 0.3119,

 0.9193, 0.2815,

0.2825

0.1215

339.2480, 0.3120,
0.2850

0.0000, 0.2694,
0.0000

0.0000, 0.0000,
0.0000

53.7229, 0.3098,
0.2523

53.7229, 0.3098,
0.2523

44.8628, 0.3082,
0.2271

64.3090, 0.3111,
0.2782

37.6269, 0.3063,
0.2035

76.7017, 0.3120,
0.3038

31.9132, 0.3041,
0.1826

90.9850, 0.3127,
0.3285

27.6058, 0.3016,
0.1653

97.9821, 0.3139,
0.3388

■ 24.5715, 0.2990,
0.1523

■ 98.4653, 0.3155,
0.3387

■ 22.6518, 0.2962,
0.1437

■ 98.9553, 0.3172,
0.3387

■ 21.5944, 0.2935,
0.1391

■ 99.3699, 0.3185,
0.3386

Harmonies

Analogous

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



53.7229, 0.2546, 0.2357



53.7229, 0.3098, 0.2523



53.7229, 0.3714, 0.2851

Triad

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



53.7229, 0.3098, 0.2523



53.7229, 0.4123, 0.4164



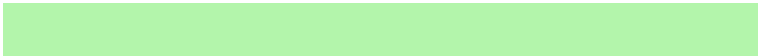
53.7229, 0.2165, 0.3154

Complementary

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



53.7229, 0.3098, 0.2523



77.7969, 0.3135, 0.4164

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.



53.7229, 0.2523, 0.3775



53.7229, 0.3098, 0.2523



53.7229, 0.3650, 0.4389

Square

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



53.7229, 0.3098, 0.2523



53.7229, 0.4333, 0.3750



53.7229, 0.3063, 0.4264



53.7229, 0.2050, 0.2658

Rectangle

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



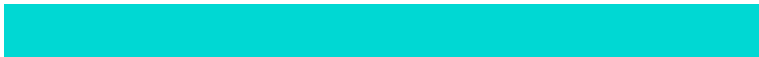
53.7229, 0.3098, 0.2523



53.7229, 0.4058, 0.3132



53.7229, 0.3063, 0.4264



53.7229, 0.2258, 0.3357

Sweetspot

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



53.7252, 0.3098, 0.2523



85.7568, 0.3121, 0.3067



47.7440, 0.2603, 0.2510



17.8970, 0.3120, 0.3031



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.



53.7252, 0.3098, 0.2523



52.9228, 0.3089, 0.2373



53.5228, 0.3395, 0.2810



16.6726, 0.3121, 0.3056



11.6750, 0.2940, 0.1393



1.0515, 0.2976, 0.1413

Inverse Universe

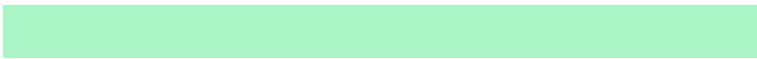
The Inverse Universe completely reimagines the original color for something new.



51.7860, 0.3735, 0.3205



50.5450, 0.3906, 0.3188



78.0772, 0.2930, 0.3827



16.5114, 0.3277, 0.3265



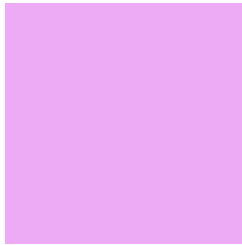
10.5084, 0.6274, 0.3230



0.9330, 0.6027, 0.3094

Previews

White Background



This preview shows how the Yxy color 53.7229, 0.3098, 0.2523 looks on a white background.

Color Contrast Check

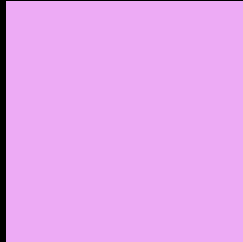
Large Text (above 18pt) WCAG AA × Fail

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 53.7229, 0.3098, 0.2523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

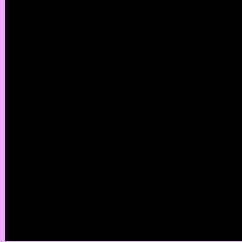
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.7229, 0.3098, 0.2523

Background



This preview shows how black text looks on a background with the Yxy color 53.7229, 0.3098, 0.2523.



This preview shows how white text looks on a background with the Yxy color 53.7229, 0.3098, 0.2523.

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

53.7229, 0.3098, 0.2523

Protanopia

54.1494, 0.2596, 0.2565

Deuteranopia

53.9966, 0.2764, 0.2700



Tritanopia

53.8109, 0.3436, 0.3134

Trichromacy



Original Color

53.7229, 0.3098, 0.2523



Protanomaly

53.2518, 0.2760, 0.2541



Deuteranomaly

53.3996, 0.2877, 0.2630



Tritanomaly

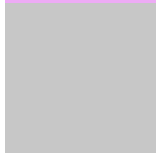
53.5720, 0.3316, 0.2896

Monochromacy



Original Color

53.7229, 0.3098, 0.2523



Achromatopsia

57.1125, 0.3127, 0.3290



Achromatomaly

55.4992, 0.3118, 0.2981

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.7229, 0.3098, 0.2523 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(237, 171, 245)` looks like.

```
.text, #text, p{  
    color:rgb(237, 171, 245)  
}
```

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(237, 171, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 171, 245) }
```

Border

The CSS property to change the border of an element to Yxy 53.7229, 0.3098, 0.2523 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(237, 171, 245) }
```

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

```
.border{ border-color:rgb(237, 171, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 171, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 171, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 171, 245);  
box-shadow:4px 4px 4px 4px rgb(237, 171,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 53.7229, 0.3098, 0.2523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 171, 245) }
```

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

```
.background{ background-color: rgb(237,  
171, 245) }
```

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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