

Converting Colors

Yxy(50.5822, 0.3093, 0.2579)

Have a look what the booklet for
Yxy(50.5822, 0.3093, 0.2579)
contains.

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Color

Yxy(50.7050, 0.3093, 0.2577)

Conversions

Conversions Part 1

Format	Color
Hex	E3A9EB
RGB	227, 169, 235
RGB Percent	89%, 66%, 92%
CMY	0.1099, 0.3372, 0.0783
CMYK	0.03, 0.28, 0.00, 0.08
HSL	293°, 62%, 79%
HSV	293°, 28%, 92%
XYZ	60.8578, 50.7050, 85.1970
YIQ	193.8660, 13.3820, 32.8220

Conversions

Conversions Part 2

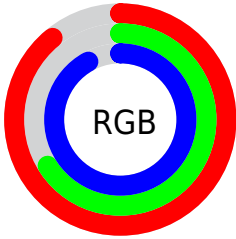
Format	Color
R _Y B	227, 169, 235
Decimal	14920171
CIE _{Lab}	76.50, 32.25, -24.81
CIE _{LCh}	76, 40.688, 322.420
Yxy	50.7050, 0.3093, 0.2577
Android (android.graphics.Color)	4293110251 (0xFFE3A9EB)
YUV	193.8660, 20.2791, 29.0585
Hunter-Lab	71.2074, 27.9429, -21.0930

Details

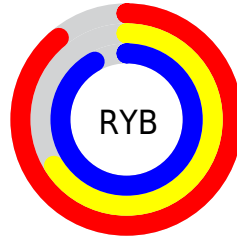
The Yxy color **50.7050, 0.3093, 0.2577** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **71.6531, 0.3142, 0.4091**, and the grayscale version is **53.7383, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.3304, 0.3141, 0.2999**, and **24.4034, 0.3078, 0.2409** is the 20% darker color. If you saturate the color by 10%, you get **42.2709, 0.3074, 0.2322**, and if you desaturate by 10%, it is **60.7230, 0.3108, 0.2836**.

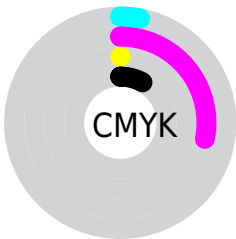
Distribution



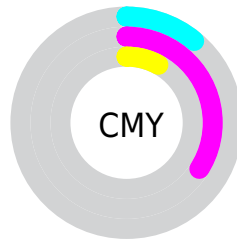
- Red (89%)
- Green (66%)
- Blue (92%)



- Red (89%)
- Yellow (66%)
- Blue (92%)



- Cyan (3%)
- Magenta (28%)
- Yellow (0%)
- Black (8%)





- Cyan (11%)
- Magenta (34%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.7050, 0.3093, 0.2577 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 50.7050, 0.3093, 0.2577 by changing the saturation by 10% instead.


 50.7050, 0.3093,
0.2577

 50.7050, 0.3093,
0.2577


389.4166, 0.3117,
0.2907

 35.9739, 0.3085,
0.2502


 91.2186, 0.3103,
0.2691

 24.4140, 0.3074,
0.2409


117.7698, 0.3107,
0.2736

 15.6410, 0.3059,
0.2293


149.0299, 0.3109,
0.2774

 9.2705, 0.3035,
0.2141

185.3832, 0.3112,
0.2808

 4.9180, 0.2997,
0.1939

227.2141, 0.3113,
0.2837

 2.1993, 0.2930,
0.1656

274.9070, 0.3115,

 0.7196, 0.2799,

0.2863

0.1227

328.8464, 0.3116,
0.2887

0.0000, 0.2359,
0.0000

0.0000, 0.0000,
0.0000

50.7050, 0.3093,
0.2577

50.7050, 0.3093,
0.2577

42.2709, 0.3074,
0.2322

60.7230, 0.3108,
0.2836

35.3299, 0.3052,
0.2080

72.3962, 0.3120,
0.3091

29.7920, 0.3026,
0.1861

85.7997, 0.3129,
0.3336

25.5548, 0.2998,
0.1677

95.7740, 0.3139,
0.3489

■ 22.5020, 0.2968,
0.1534

■ 96.2757, 0.3157,
0.3488

■ 20.4966, 0.2936,
0.1435

■ 96.7854, 0.3175,
0.3487

■ 19.3471, 0.2904,
0.1379

■ 97.3030, 0.3193,
0.3486

■ 19.1707, 0.2898,
0.1370

■ 97.8287, 0.3211,
0.3485

■ 98.3625, 0.3230,
0.3484

Harmonies

Analogous

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



50.7050, 0.2586, 0.2427



50.7050, 0.3093, 0.2577



50.7050, 0.3656, 0.2881

Triad

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



50.7050, 0.3093, 0.2577



50.7050, 0.4049, 0.4093



50.7050, 0.2245, 0.3180

Complementary

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



50.7050, 0.3093, 0.2577



71.6531, 0.3142, 0.4091

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.



50.7050, 0.2582, 0.3741



50.7050, 0.3093, 0.2577



50.7050, 0.3622, 0.4293

Square

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



50.7050, 0.3093, 0.2577



50.7050, 0.4232, 0.3715



50.7050, 0.3083, 0.4178



50.7050, 0.2132, 0.2721

Rectangle

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



50.7050, 0.3093, 0.2577



50.7050, 0.3971, 0.3142



50.7050, 0.3083, 0.4178



50.7050, 0.2334, 0.3365

Sweetspot

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



50.7072, 0.3093, 0.2577



87.1987, 0.3120, 0.3092



46.2040, 0.2647, 0.2588



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.



50.7072, 0.3093, 0.2577



54.6442, 0.3082, 0.2421



50.7424, 0.3362, 0.2834



15.2151, 0.3118, 0.3057



10.7044, 0.2904, 0.1373



0.8668, 0.2948, 0.1398

Inverse Universe

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



49.2253, 0.3668, 0.3201



52.6260, 0.3833, 0.3181



71.7292, 0.2950, 0.3796



15.0840, 0.3274, 0.3262



9.8881, 0.6246, 0.3214



0.7862, 0.5947, 0.3050

Previews

White Background



This preview shows how the Yxy color 50.7050, 0.3093, 0.2577 looks on a white background.

Color Contrast Check

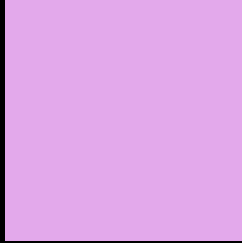
Large Text (above 18pt) WCAG AA × Fail

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 50.7050, 0.3093, 0.2577 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

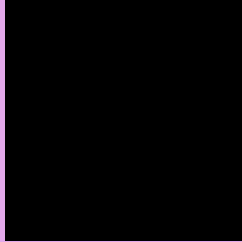
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.7050, 0.3093, 0.2577

Background



This preview shows how black text looks on a background with the Yxy color 50.7050, 0.3093, 0.2577.



This preview shows how white text looks on a background with the Yxy color 50.7050, 0.3093, 0.2577.

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

50.7050, 0.3093, 0.2577

Protanopia

51.2022, 0.2609, 0.2572

Deuteranopia

50.9632, 0.2796, 0.2732



Tritanopia

50.5780, 0.3398, 0.3128

Trichromacy



Original Color

50.7050, 0.3093, 0.2577



Protanomaly

50.4510, 0.2772, 0.2566



Deuteranomaly

50.5409, 0.2899, 0.2668



Tritanomaly

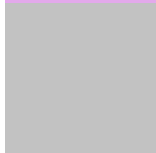
50.4651, 0.3284, 0.2916

Monochromacy



Original Color

50.7050, 0.3093, 0.2577



Achromatopsia

53.9479, 0.3127, 0.3290



Achromatomaly

52.4232, 0.3116, 0.3007

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.7050, 0.3093, 0.2577 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(227, 169, 235)` looks like.

```
.text, #text, p{  
    color:rgb(227, 169, 235)  
}
```

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(227, 169, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 169, 235) }
```

Border

The CSS property to change the border of an element to Yxy 50.7050, 0.3093, 0.2577 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(227, 169, 235) }
```

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

```
.border{ border-color:rgb(227, 169, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 169, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 169, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 169, 235);  
box-shadow:4px 4px 4px 4px rgb(227, 169,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 50.7050, 0.3093, 0.2577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 169, 235) }
```

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

```
.background{ background-color: rgb(227,  
169, 235) }
```

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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