

Converting Colors

Yxy(39.3444, 0.3185, 0.2322)

Have a look what the booklet for
Yxy(39.3444, 0.3185, 0.2322)
contains.

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Color

Yxy(39.3755, 0.3191, 0.2324)

Conversions

Conversions Part 1

Format	Color
Hex	E388E1
RGB	227, 136, 225
RGB Percent	89%, 53%, 88%
CMY	0.1099, 0.4666, 0.1176
CMYK	0.00, 0.40, 0.01, 0.11
HSL	301°, 62%, 71%
HSV	301°, 40%, 89%
XYZ	54.0651, 39.3755, 75.9893
YIQ	173.3550, 25.6670, 46.9710

Conversions

Conversions Part 2

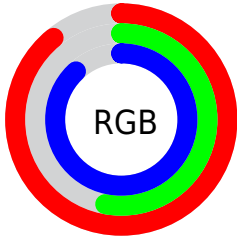
Format	Color
R _{YB}	227, 136, 225
Decimal	14911713
CIE _{Lab}	69.02, 47.81, -30.81
CIE _{LCh}	69, 56.876, 327.197
Yxy	39.3755, 0.3191, 0.2324
Android (android.graphics.Color)	4293101793 (0xFFE388E1)
YUV	173.3550, 25.4610, 47.0467
Hunter-Lab	62.7499, 43.9826, -27.8745

Details

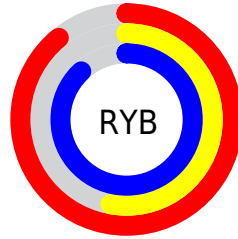
The Yxy color **39.3755, 0.3191, 0.2324** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **61.9890, 0.3059, 0.4493**, and the grayscale version is **41.8396, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.7416, 0.3157, 0.2663**, and **17.5971, 0.3196, 0.2096** is the 20% darker color. If you saturate the color by 10%, you get **33.6189, 0.3207, 0.2109**, and if you desaturate by 10%, it is **46.4892, 0.3174, 0.2559**.

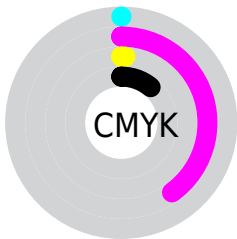
Distribution



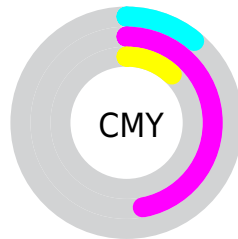
- Red (89%)
- Green (53%)
- Blue (88%)



- Red (89%)
- Yellow (53%)
- Blue (88%)



- Cyan (0%)
- Magenta (40%)
- Yellow (1%)
- Black (11%)





- Cyan (11%)
- Magenta (47%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.3755, 0.3191, 0.2324 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 39.3755, 0.3191, 0.2324 by changing the saturation by 10% instead.


 39.3755, 0.3191,
0.2324


 39.3755, 0.3191,
0.2324


343.4843, 0.3174,
0.2777


 27.0520, 0.3191,
0.2220


 74.2116, 0.3188,
0.2482

 17.6123, 0.3189,
0.2092


 97.4930, 0.3186,
0.2543

 10.6720, 0.3183,
0.1930


 125.1957, 0.3184,
0.2596

 5.8467, 0.3168,
0.1722

157.7043, 0.3182,
0.2642

 2.7521, 0.3135,
0.1445

195.4030, 0.3180,
0.2682

 1.0037, 0.3059,
0.1070

238.6763, 0.3178,

 0.0000, 0.3040,

0.2717

0.0000

287.9087, 0.3176,
0.2749

■ 0.0000, 0.0142,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 39.3755, 0.3191,
0.2324

■ 39.3755, 0.3191,
0.2324

■ 33.6189, 0.3207,
0.2109

■ 46.4892, 0.3174,
0.2559

■ 29.1281, 0.3222,
0.1922


■ 55.0334, 0.3158,
0.2803


■ 25.8086, 0.3236,
0.1772


■ 65.0824, 0.3142,
0.3049


■ 23.5508, 0.3247,
0.1665

■ 76.7039, 0.3127,
0.3288

 22.2241, 0.3257,
0.1600


 89.9615, 0.3113,
0.3518

 21.6032, 0.3264,
0.1572

 93.4428, 0.3108,
0.3567

 93.4700, 0.3105,
0.3562

 93.4972, 0.3103,
0.3557

 93.5245, 0.3100,
0.3552

Harmonies

Analogous

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



39.3755, 0.2423, 0.2076



39.3755, 0.3191, 0.2324



39.3755, 0.4050, 0.2765

Triad

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



39.3755, 0.3191, 0.2324



39.3755, 0.4375, 0.4500



39.3755, 0.1798, 0.2954

Complementary

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



39.3755, 0.3191, 0.2324



61.9890, 0.3059, 0.4493

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.



39.3755, 0.2204, 0.3844



39.3755, 0.3191, 0.2324



39.3755, 0.3686, 0.4835

Square

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



39.3755, 0.3191, 0.2324



39.3755, 0.4760, 0.3931



39.3755, 0.2891, 0.4627



39.3755, 0.1711, 0.2342

Rectangle

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



39.3755, 0.3191, 0.2324



39.3755, 0.4505, 0.3130



39.3755, 0.2891, 0.4627



39.3755, 0.1897, 0.3231

Sweetspot

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



39.3773, 0.3191, 0.2324



81.9643, 0.3145, 0.3000



28.5240, 0.2397, 0.2067



17.1623, 0.3147, 0.2967



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.



39.3773, 0.3191, 0.2324



44.9773, 0.3204, 0.2145



37.2351, 0.3642, 0.2784



14.6096, 0.3141, 0.3063



12.6060, 0.3263, 0.1571



0.9333, 0.3255, 0.1567

Inverse Universe

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



39.3773, 0.3191, 0.2324



44.9773, 0.3204, 0.2145



63.5738, 0.2808, 0.3867



14.6096, 0.3141, 0.3063



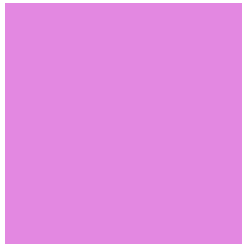
12.6060, 0.3263, 0.1571



0.9333, 0.3255, 0.1567

Previews

White Background



This preview shows how the Yxy color 39.3755, 0.3191, 0.2324 looks on a white background.

Color Contrast Check

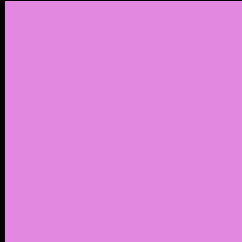
Large Text (above 18pt) WCAG AA × Fail

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 39.3755, 0.3191, 0.2324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

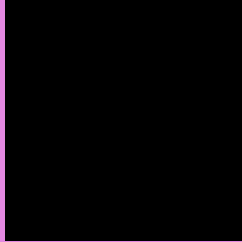
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.3755, 0.3191, 0.2324

Background



This preview shows how black text looks on a background with the Yxy color 39.3755, 0.3191, 0.2324.



This preview shows how white text looks on a background with the Yxy color 39.3755, 0.3191, 0.2324.

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

39.3755, 0.3191, 0.2324

Protanopia

39.7747, 0.2362, 0.2252

Deuteranopia

39.7088, 0.2647, 0.2585



Tritanopia

39.4460, 0.3728, 0.3159

Trichromacy



Original Color

39.3755, 0.3191, 0.2324



Protanomaly

38.5046, 0.2608, 0.2258



Deuteranomaly

38.7839, 0.2822, 0.2463



Tritanomaly

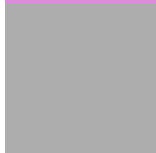
39.2411, 0.3531, 0.2834

Monochromacy



Original Color

39.3755, 0.3191, 0.2324



Achromatopsia

41.7885, 0.3127, 0.3290



Achromatomaly

40.2848, 0.3156, 0.2884

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.3755, 0.3191, 0.2324 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, 136, 225)` looks like.

```
.text, #text, p{  
    color:rgb(227, 136, 225)  
}
```

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, 136, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 136, 225) }
```

Border

The CSS property to change the border of an element to Yxy 39.3755, 0.3191, 0.2324 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, 136, 225) }
```

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

```
.border{ border-color:rgb(227, 136, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 136, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 136, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 136, 225);  
box-shadow:4px 4px 4px 4px rgb(227, 136,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 39.3755, 0.3191, 0.2324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 136, 225) }
```

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

```
.background{ background-color: rgb(227,  
136, 225) }
```

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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