

Converting Colors

Yxy(32.4241, 0.3076, 0.1808)

Have a look what the booklet for
Yxy(32.4241, 0.3076, 0.1808)
contains.

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Color

Yxy(32.3830, 0.3079, 0.1811)

Conversions

Conversions Part 1

Format	Color
Hex	EB5EF7
RGB	235, 94, 247
RGB Percent	92%, 37%, 97%
CMY	0.0784, 0.6314, 0.0312
CMYK	0.05, 0.62, 0.00, 0.03
HSL	295°, 91%, 67%
HSV	295°, 62%, 97%
XYZ	55.0565, 32.3830, 91.3733
YIQ	153.6010, 34.9230, 77.4750

Conversions

Conversions Part 2

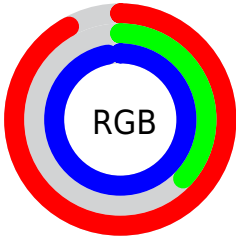
Format	Color
R _Y B	235, 94, 247
Decimal	15425271
CIE Lab	63.66, 73.44, -51.31
CIE LCh	64, 89.590, 325.064
Yxy	32.3830, 0.3079, 0.1811
Android (android.graphics.Color)	4293615351 (0xFFEB5EF7)
YUV	153.6010, 46.0457, 71.3869
Hunter-Lab	56.9061, 73.1127, -55.3670

Details

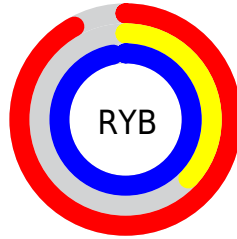
The Yxy color **32.3830, 0.3079, 0.1811** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **70.4177, 0.3085, 0.5268**, and the grayscale version is **31.9147, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.9365, 0.3174, 0.2293**, and **13.6431, 0.3024, 0.1498** is the 20% darker color. If you saturate the color by 10%, you get **28.3433, 0.3063, 0.1651**, and if you desaturate by 10%, it is **37.8344, 0.3093, 0.2009**.

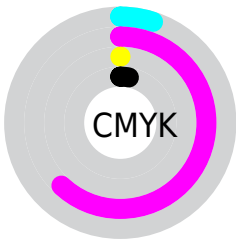
Distribution



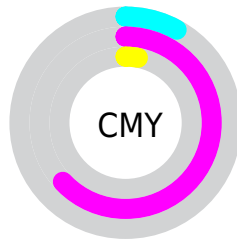
- Red (92%)
- Green (37%)
- Blue (97%)



- Red (92%)
- Yellow (37%)
- Blue (97%)



- Cyan (5%)
- Magenta (62%)
- Yellow (0%)
- Black (3%)





- Cyan (8%)
- Magenta (63%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.3830, 0.3079, 0.1811 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 32.3830, 0.3079, 0.1811 by changing the saturation by 10% instead.


 32.3830, 0.3079,
0.1811


 32.3830, 0.3079,
0.1811


312.8603, 0.3139,
0.2479


 21.6542, 0.3055,
0.1667


 63.4110, 0.3108,
0.2036

 13.6030, 0.3021,
0.1496


 84.4791, 0.3117,
0.2126

 7.8451, 0.2969,
0.1289


 109.7623, 0.3123,
0.2204

 3.9960, 0.2888,
0.1040

 139.6451, 0.3128,
0.2273

 1.6713, 0.2755,
0.0743

174.5119, 0.3132,
0.2333

 0.4050, 0.2543,
0.0342

214.7471, 0.3135,

 0.0000, 0.2134,

0.2387

0.0000

260.7351, 0.3137,
0.2435

■ 0.0000, 0.0397,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 32.3830, 0.3079,
0.1811

■ 32.3830, 0.3079,
0.1811

■ 28.3433, 0.3063,
0.1651

■ 37.8344, 0.3093,
0.2009

■ 25.5713, 0.3044,
0.1535


■ 44.8143, 0.3105,
0.2236

■ 23.9004, 0.3025,
0.1463


■ 53.4325, 0.3114,
0.2482


■ 23.1479, 0.3009,
0.1431


■ 63.7872, 0.3120,
0.2738

 75.9691, 0.3125,
0.2994

 90.0625, 0.3127,
0.3243

 98.3039, 0.3133,
0.3367

 98.6620, 0.3145,
0.3367

 99.0238, 0.3157,
0.3367

Harmonies

Analogous

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



32.3830, 0.1947, 0.1496



32.3830, 0.3079, 0.1811



32.3830, 0.4544, 0.2390

Triad

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



32.3830, 0.3079, 0.1811



32.3830, 0.4925, 0.4848



32.3830, 0.1148, 0.2712

Complementary

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



32.3830, 0.3079, 0.1811



70.4177, 0.3085, 0.5268

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.



32.3830, 0.1674, 0.4346



32.3830, 0.3079, 0.1811



32.3830, 0.3836, 0.5736

Square

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



32.3830, 0.3079, 0.1811



32.3830, 0.5654, 0.3917



32.3830, 0.2670, 0.5782



32.3830, 0.1059, 0.1811

Rectangle

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



32.3830, 0.3079, 0.1811



32.3830, 0.5346, 0.2866



32.3830, 0.2670, 0.5782



32.3830, 0.1267, 0.3185

Sweetspot

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



32.3844, 0.3079, 0.1811



72.1724, 0.3122, 0.2813



19.5599, 0.1950, 0.1432



14.6881, 0.3120, 0.2739



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.



32.3844, 0.3079, 0.1811



29.7050, 0.3059, 0.1622



31.2152, 0.3906, 0.2393



16.6981, 0.3125, 0.3056



12.2670, 0.3012, 0.1433



1.0975, 0.3038, 0.1447

Inverse Universe

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



28.8264, 0.4962, 0.3180



25.7877, 0.5524, 0.3187



71.3835, 0.2768, 0.4486



16.5037, 0.3281, 0.3272



10.4914, 0.6316, 0.3253



0.9293, 0.6121, 0.3146

Previews

White Background



This preview shows how the Yxy color 32.3830, 0.3079, 0.1811 looks on a white background.

Color Contrast Check

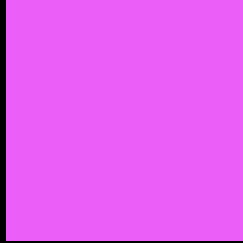
Large Text (above 18pt) WCAG AA × Fail

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 32.3830, 0.3079, 0.1811 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

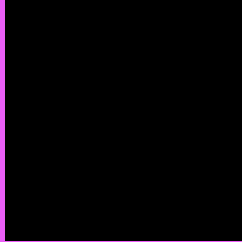
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.3830, 0.3079, 0.1811

Background



This preview shows how black text looks on a background with the Yxy color 32.3830, 0.3079, 0.1811.



This preview shows how white text looks on a background with the Yxy color 32.3830, 0.3079, 0.1811.

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

32.3830, 0.3079, 0.1811

Protanopia

32.7327, 0.2130, 0.1955

Deuteranopia

32.7363, 0.2228, 0.2167



Tritanopia

32.0714, 0.4128, 0.3173

Trichromacy



Original Color

32.3830, 0.3079, 0.1811



Protanomaly

30.0615, 0.2377, 0.1820



Deuteranomaly

30.0215, 0.2453, 0.1936



Tritanomaly

31.3380, 0.3728, 0.2584

Monochromacy



Original Color

32.3830, 0.3079, 0.1811



Achromatopsia

32.3143, 0.3127, 0.3290



Achromatomaly

30.2006, 0.3110, 0.2548

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.3830, 0.3079, 0.1811 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(235, 94, 247)` looks like.

```
.text, #text, p{  
    color:rgb(235, 94, 247)  
}
```

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(235, 94, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 94, 247) }
```

Border

The CSS property to change the border of an element to Yxy 32.3830, 0.3079, 0.1811 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(235, 94, 247) }
```

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

```
.border{ border-color:rgb(235, 94, 247) }
```

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

Here you see how a box with a 4 pixel rgb(235, 94, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 94, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 94, 247);  
box-shadow:4px 4px 4px 4px rgb(235, 94,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 32.3830, 0.3079, 0.1811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 94, 247) }
```

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

```
.background{ background-color: rgb(235, 94,  
247) }
```

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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