

Converting Colors

$Y_{xy}(50.3359, 0.3095, 0.2395)$

Have a look what the booklet for
Yxy(50.3359, 0.3095, 0.2395)
contains.

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Color

Yxy(50.2696, 0.3094, 0.2389)

Conversions

Conversions Part 1

Format	Color
Hex	EFA0F8
RGB	239, 160, 248
RGB Percent	94%, 63%, 97%
CMY	0.0628, 0.3725, 0.0276
CMYK	0.04, 0.35, 0.00, 0.03
HSL	294°, 86%, 80%
HSV	294°, 35%, 97%
XYZ	65.1043, 50.2696, 95.0472
YIQ	193.6530, 18.8360, 44.1160

Conversions

Conversions Part 2

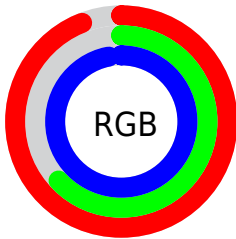
Format	Color
R _Y B	239, 160, 248
Decimal	15704312
CIE Lab	76.23, 43.19, -32.12
CIE LCh	76, 53.822, 323.364
Yxy	50.2696, 0.3094, 0.2389
Android (android.graphics.Color)	4293894392 (0xFFEFA0F8)
YUV	193.6530, 26.7931, 39.7693
Hunter-Lab	70.9011, 39.8292, -29.8511

Details

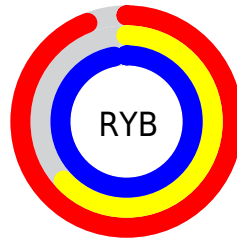
The Yxy color **50.2696, 0.3094, 0.2389** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **78.0833, 0.3131, 0.4345**, and the grayscale version is **53.5650, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.5917, 0.3145, 0.2910**, and **24.2221, 0.3077, 0.2195** is the 20% darker color. If you saturate the color by 10%, you get **42.0770, 0.3078, 0.2145**, and if you desaturate by 10%, it is **60.1871, 0.3107, 0.2645**.

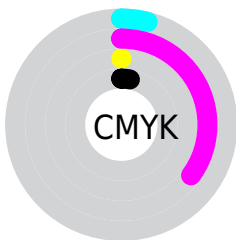
Distribution



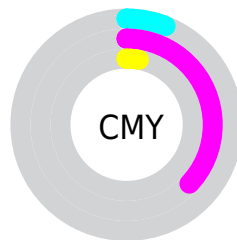
- Red (94%)
- Green (63%)
- Blue (97%)



- Red (94%)
- Yellow (63%)
- Blue (97%)



- Cyan (4%)
- Magenta (35%)
- Yellow (0%)
- Black (3%)





- Cyan (6%)
- Magenta (37%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.2696, 0.3094, 0.2389 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 50.2696, 0.3094, 0.2389 by changing the saturation by 10% instead.

 50.2696, 0.3094,
0.2389

 50.2696, 0.3094,
0.2389

387.7193, 0.3123,
0.2798

 35.6277, 0.3084,
0.2298


 90.5742, 0.3107,
0.2529

 24.1468, 0.3071,
0.2188


 117.0056, 0.3111,
0.2584

 15.4425, 0.3051,
0.2051


148.1357, 0.3114,
0.2631

 9.1306, 0.3020,
0.1877

184.3488, 0.3116,
0.2673

 4.8264, 0.2971,
0.1651

226.0293, 0.3118,
0.2710

 2.1458, 0.2886,
0.1348

273.5617, 0.3120,

 0.6902, 0.2727,

0.2743

0.0921

327.3302, 0.3121,
0.2772

0.0000, 0.2430,
0.0000

0.0000, 0.0000,
0.0000

50.2696, 0.3094,
0.2389

50.2696, 0.3094,
0.2389

42.0770, 0.3078,
0.2145

60.1871, 0.3107,
0.2645

35.5004, 0.3059,
0.1923

71.9170, 0.3117,
0.2903

30.4284, 0.3037,
0.1733

85.5487, 0.3124,
0.3156

26.7331, 0.3013,
0.1583

98.4546, 0.3131,
0.3358

■ 24.2649, 0.2987,
0.1478

■ 98.9226, 0.3147,
0.3358

■ 22.8394, 0.2961,
0.1416

■ 99.3969, 0.3163,
0.3357

■ 22.4123, 0.2949,
0.1398

■ 99.5550, 0.3168,
0.3357

Harmonies

Analogous

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



50.2696, 0.2436, 0.2191



50.2696, 0.3094, 0.2389



50.2696, 0.3845, 0.2771

Triad

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



50.2696, 0.3094, 0.2389



50.2696, 0.4303, 0.4321



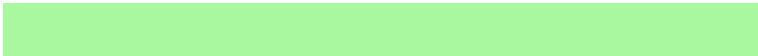
50.2696, 0.1978, 0.3099

Complementary

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



50.2696, 0.3094, 0.2389



78.0833, 0.3131, 0.4345

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.



50.2696, 0.2387, 0.3873



50.2696, 0.3094, 0.2389



50.2696, 0.3725, 0.4625

Square

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



50.2696, 0.3094, 0.2389



50.2696, 0.4579, 0.3816



50.2696, 0.3023, 0.4491



50.2696, 0.1856, 0.2514

Rectangle

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



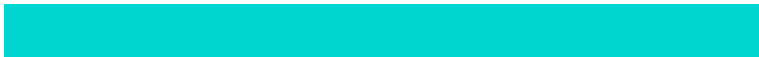
50.2696, 0.3094, 0.2389



50.2696, 0.4265, 0.3096



50.2696, 0.3023, 0.4491



50.2696, 0.2083, 0.3348

Sweetspot

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



50.2718, 0.3094, 0.2389



82.8524, 0.3121, 0.3017



43.1031, 0.2497, 0.2347



17.3191, 0.3120, 0.2982



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.



50.2718, 0.3094, 0.2389



46.7789, 0.3082, 0.2202



49.9642, 0.3457, 0.2723



17.4294, 0.3122, 0.3055



12.1471, 0.2953, 0.1401



1.1502, 0.2986, 0.1418

Inverse Universe

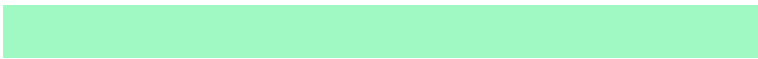
The Inverse Universe completely reimagines the original color for something new.



47.9604, 0.3893, 0.3195



44.0362, 0.4144, 0.3176



78.4697, 0.2900, 0.3939



17.2540, 0.3278, 0.3266



10.8283, 0.6284, 0.3235



1.0121, 0.6058, 0.3111

Previews

White Background



This preview shows how the Yxy color 50.2696, 0.3094, 0.2389 looks on a white background.

Color Contrast Check

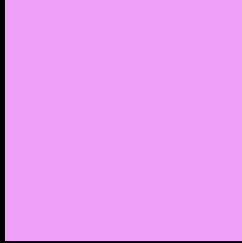
Large Text (above 18pt) WCAG AA × Fail

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 50.2696, 0.3094, 0.2389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

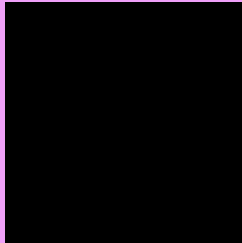
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.2696, 0.3094, 0.2389

Background



This preview shows how black text looks on a background with the Yxy color 50.2696, 0.3094, 0.2389.



This preview shows how white text looks on a background with the Yxy color 50.2696, 0.3094, 0.2389.

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

50.2696, 0.3094, 0.2389

Protanopia

50.6626, 0.2536, 0.2483

Deuteranopia

50.5161, 0.2663, 0.2604



Tritanopia

50.2553, 0.3530, 0.3143

Trichromacy



Original Color

50.2696, 0.3094, 0.2389



Protanomaly

49.9419, 0.2719, 0.2445



Deuteranomaly

49.9226, 0.2808, 0.2511



Tritanomaly

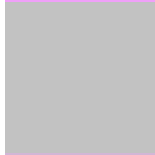
49.9324, 0.3361, 0.2839

Monochromacy



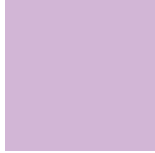
Original Color

50.2696, 0.3094, 0.2389



Achromatopsia

53.9479, 0.3127, 0.3290



Achromatomaly

52.0126, 0.3111, 0.2919

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.2696, 0.3094, 0.2389 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(239, 160, 248)` looks like.

```
.text, #text, p{  
    color:rgb(239, 160, 248)  
}
```

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(239, 160, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 160, 248) }
```

Border

The CSS property to change the border of an element to Yxy 50.2696, 0.3094, 0.2389 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(239, 160, 248) }
```

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

```
.border{ border-color:rgb(239, 160, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 160, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 160, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 160, 248);  
box-shadow:4px 4px 4px 4px rgb(239, 160,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 50.2696, 0.3094, 0.2389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 160, 248) }
```

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

```
.background{ background-color: rgb(239,  
160, 248) }
```

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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