

Converting Colors

$Y_{xy}(39.2152, 0.3135, 0.2114)$

Have a look what the booklet for
Yxy(39.2152, 0.3135, 0.2114)
contains.

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Color

Yxy(39.1654, 0.3127, 0.2109)

Conversions

Conversions Part 1

Format	Color
Hex	EC7EF2
RGB	236, 126, 242
RGB Percent	93%, 49%, 95%
CMY	0.0746, 0.5058, 0.0511
CMYK	0.02, 0.48, 0.00, 0.05
HSL	297°, 82%, 72%
HSV	297°, 48%, 95%
XYZ	58.0703, 39.1654, 88.4703
YIQ	172.1140, 28.3240, 59.3960

Conversions

Conversions Part 2

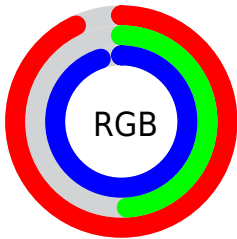
Format	Color
R _Y B	236, 126, 242
Decimal	15498994
CIE Lab	68.87, 58.45, -40.30
CIE LCh	69, 70.993, 325.414
Yxy	39.1654, 0.3127, 0.2109
Android (android.graphics.Color)	4293689074 (0xFFEC7EF2)
YUV	172.1140, 34.4538, 56.0280
Hunter-Lab	62.5823, 56.1117, -40.0086

Details

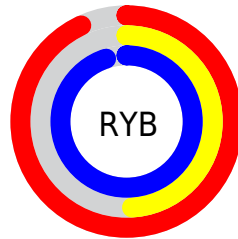
The Yxy color **39.1654, 0.3127, 0.2109** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **69.8926, 0.3088, 0.4794**, and the grayscale version is **41.1303, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.9359, 0.3161, 0.2575**, and **17.4742, 0.3106, 0.1848** is the 20% darker color. If you saturate the color by 10%, you get **33.4953, 0.3122, 0.1904**, and if you desaturate by 10%, it is **46.3367, 0.3130, 0.2341**.

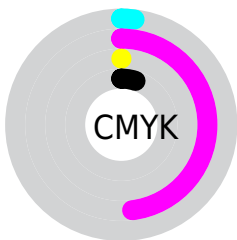
Distribution



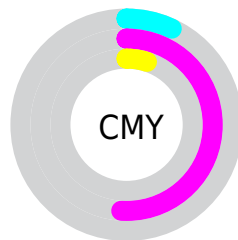
- Red (93%)
- Green (49%)
- Blue (95%)



- Red (93%)
- Yellow (49%)
- Blue (95%)



- Cyan (2%)
- Magenta (48%)
- Yellow (0%)
- Black (5%)





- Cyan (7%)
- Magenta (51%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.1654, 0.3127, 0.2109 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 39.1654, 0.3127, 0.2109 by changing the saturation by 10% instead.


 39.1654, 0.3127,
0.2109


 39.1654, 0.3127,
0.2109


342.5932, 0.3150,
0.2649


 26.8884, 0.3116,
0.1990


 73.8909, 0.3140,
0.2294

 17.4894, 0.3099,
0.1845


 97.1083, 0.3143,
0.2366

 10.5841, 0.3072,
0.1666

 124.7412, 0.3146,
0.2429

 5.7879, 0.3029,
0.1443

157.1741, 0.3147,
0.2484

 2.7165, 0.2954,
0.1160

194.7913, 0.3148,
0.2533

 0.9856, 0.2816,
0.0803

237.9773, 0.3149,

 0.0000, 0.2640,

0.2576

0.0000

287.1165, 0.3149,
0.2614

0.0000, 0.1399,
0.0000

0.0000, 0.0000,
0.0000

39.1654, 0.3127,
0.2109

39.1654, 0.3127,
0.2109

33.4953, 0.3122,
0.1904

46.3367, 0.3130,
0.2341

29.2115, 0.3114,
0.1733


55.1027, 0.3132,
0.2589

26.1911, 0.3104,
0.1605

65.5556, 0.3131,
0.2843

24.2870, 0.3093,
0.1520


77.7788, 0.3129,
0.3096


 23.2991, 0.3081,
0.1476

 91.8503, 0.3126,
0.3340

 23.1465, 0.3078,
0.1469

 97.0660, 0.3131,
0.3418

 97.2893, 0.3138,
0.3418

 97.5140, 0.3146,
0.3417

 97.7403, 0.3154,
0.3417

Harmonies

Analogous

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



39.1654, 0.2218, 0.1836



39.1654, 0.3127, 0.2109



39.1654, 0.4212, 0.2607

Triad

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



39.1654, 0.3127, 0.2109



39.1654, 0.4640, 0.4661



39.1654, 0.1544, 0.2896

Complementary

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



39.1654, 0.3127, 0.2109



69.8926, 0.3088, 0.4794

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.



39.1654, 0.2023, 0.4056



39.1654, 0.3127, 0.2109



39.1654, 0.3803, 0.5194

Square

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



39.1654, 0.3127, 0.2109



39.1654, 0.5127, 0.3943



39.1654, 0.2850, 0.5055



39.1654, 0.1439, 0.2149

Rectangle

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



39.1654, 0.3127, 0.2109



39.1654, 0.4804, 0.3022



39.1654, 0.2850, 0.5055



39.1654, 0.1659, 0.3250

Sweetspot

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



39.1671, 0.3127, 0.2109



78.9524, 0.3131, 0.2942



27.8291, 0.2230, 0.1873



16.2822, 0.3131, 0.2887



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.



39.1671, 0.3127, 0.2109



38.1631, 0.3122, 0.1918



37.5923, 0.3686, 0.2587



15.9875, 0.3130, 0.3057



12.4583, 0.3081, 0.1471



1.0490, 0.3098, 0.1481

Inverse Universe

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



35.4648, 0.4392, 0.3229



33.6242, 0.4791, 0.3222



71.0625, 0.2808, 0.4140



15.7720, 0.3285, 0.3278



10.1618, 0.6346, 0.3270



0.8500, 0.6206, 0.3193

Previews

White Background



This preview shows how the Yxy color 39.1654, 0.3127, 0.2109 looks on a white background.

Color Contrast Check

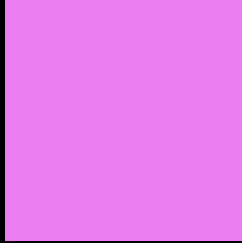
Large Text (above 18pt) WCAG AA × Fail

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 39.1654, 0.3127, 0.2109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

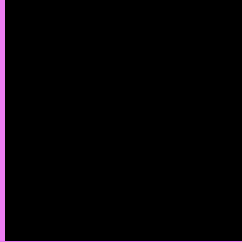
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.1654, 0.3127, 0.2109

Background



This preview shows how black text looks on a background with the Yxy color 39.1654, 0.3127, 0.2109.



This preview shows how white text looks on a background with the Yxy color 39.1654, 0.3127, 0.2109.

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

39.1654, 0.3127, 0.2109

Protanopia

39.7267, 0.2303, 0.2187

Deuteranopia

39.3816, 0.2470, 0.2402



Tritanopia

38.9996, 0.3844, 0.3162

Trichromacy



Original Color

39.1654, 0.3127, 0.2109



Protanomaly

37.8060, 0.2540, 0.2118



Deuteranomaly

37.8900, 0.2671, 0.2245



Tritanomaly

38.7541, 0.3571, 0.2734

Monochromacy



Original Color

39.1654, 0.3127, 0.2109



Achromatopsia

41.2543, 0.3127, 0.3290



Achromatomaly

39.0760, 0.3133, 0.2763

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.1654, 0.3127, 0.2109 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(236, 126, 242)` looks like.

```
.text, #text, p{  
    color:rgb(236, 126, 242)  
}
```

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(236, 126, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 126, 242) }
```

Border

The CSS property to change the border of an element to Yxy 39.1654, 0.3127, 0.2109 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(236, 126, 242) }
```

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

```
.border{ border-color:rgb(236, 126, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 126, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 126, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 126, 242);  
box-shadow:4px 4px 4px 4px rgb(236, 126,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 39.1654, 0.3127, 0.2109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 126, 242) }
```

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

```
.background{ background-color: rgb(236,  
126, 242) }
```

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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