

Converting Colors

$Y_{xy}(43.0379, 0.3178, 0.2397)$

Have a look what the booklet for
Yxy(43.0379, 0.3178, 0.2397)
contains.

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Color

Yxy(43.0379, 0.3178, 0.2397)

Conversions

Conversions Part 1

Format	Color
Hex	E692E5
RGB	230, 146, 229
RGB Percent	90%, 57%, 90%
CMY	0.0980, 0.4275, 0.1018
CMYK	0.00, 0.37, 0.00, 0.10
HSL	301°, 63%, 74%
HSV	301°, 37%, 90%
XYZ	57.0607, 43.0379, 79.4504
YIQ	180.5780, 23.4210, 43.6210

Conversions

Conversions Part 2

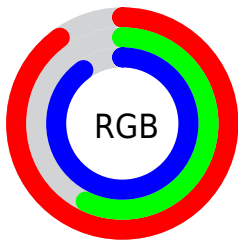
Format	Color
R _Y B	230, 146, 229
Decimal	15110885
CIE Lab	71.58, 44.29, -29.06
CIE LCh	72, 52.973, 326.736
Yxy	43.0379, 0.3178, 0.2397
Android (android.graphics.Color)	4293300965 (0xFFE692E5)
YUV	180.5780, 23.8720, 43.3431
Hunter-Lab	65.6033, 40.4507, -25.8823

Details

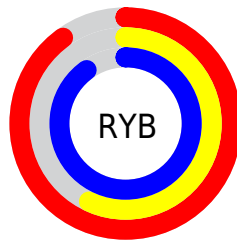
The Yxy color $43.0379, 0.3178, 0.2397$ is a light color, and the websafe version is hex FF99FF . A complement of this color would be $64.8165, 0.3070, 0.4381$, and the grayscale version is $45.8296, 0.3127, 0.3290$.

A 20% lighter version of the original color is $70.2533, 0.3152, 0.2762$, and $19.7301, 0.3179, 0.2186$ is the 20% darker color. If you saturate the color by 10%, you get $36.6330, 0.3192, 0.2172$, and if you desaturate by 10%, it is $50.8731, 0.3164, 0.2638$.

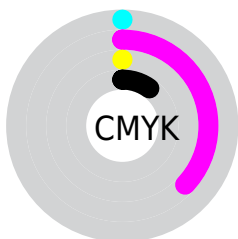
Distribution



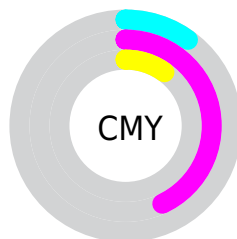
- Red (90%)
- Green (57%)
- Blue (90%)



- Red (90%)
- Yellow (57%)
- Blue (90%)



- Cyan (0%)
- Magenta (37%)
- Yellow (0%)
- Black (10%)




- Cyan (10%)
- Magenta (43%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.0379, 0.3178, 0.2397 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 43.0379, 0.3178, 0.2397 by changing the saturation by 10% instead.

 43.0379, 0.3178,
0.2397


 43.0379, 0.3178,
0.2397


358.7676, 0.3166,
0.2813

 29.9149, 0.3178,
0.2302


 79.7680, 0.3176,
0.2542

 19.7740, 0.3175,
0.2185

 104.1439, 0.3175,
0.2598

 12.2308, 0.3170,
0.2038

133.0396, 0.3173,
0.2646

 6.9011, 0.3157,
0.1847

166.8393, 0.3172,
0.2688

 3.4003, 0.3130,
0.1595

205.9276, 0.3170,
0.2725

 1.3441, 0.3068,
0.1248

250.6888, 0.3169,

 0.1750, 0.3034,

0.2758

0.0403

301.5074, 0.3167,
0.2787

0.0000, 0.1611,
0.0000

0.0000, 0.0000,
0.0000

43.0379, 0.3178,
0.2397

43.0379, 0.3178,
0.2397

36.6330, 0.3192,
0.2172

50.8731, 0.3164,
0.2638

31.5666, 0.3204,
0.1973

60.2116, 0.3150,
0.2886

27.7454, 0.3216,
0.1809

71.1287, 0.3136,
0.3133

25.0613, 0.3225,
0.1685


83.6925, 0.3123,
0.3372


 23.3884, 0.3232,
0.1605


 94.0791, 0.3113,
0.3540


 22.5676, 0.3237,
0.1566

 94.0943, 0.3112,
0.3537

 22.3890, 0.3239,
0.1558

 94.1094, 0.3110,
0.3535

 94.1246, 0.3109,
0.3532

 94.1398, 0.3107,
0.3529

Harmonies

Analogous

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



43.0379, 0.2478, 0.2170



43.0379, 0.3178, 0.2397



43.0379, 0.3952, 0.2806

Triad

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



43.0379, 0.3178, 0.2397



43.0379, 0.4284, 0.4401



43.0379, 0.1912, 0.3007

Complementary

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



43.0379, 0.3178, 0.2397



64.8165, 0.3070, 0.4381

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.



43.0379, 0.2299, 0.3803



43.0379, 0.3178, 0.2397



43.0379, 0.3662, 0.4686

Square

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



43.0379, 0.3178, 0.2397



43.0379, 0.4617, 0.3889



43.0379, 0.2935, 0.4490



43.0379, 0.1822, 0.2437

Rectangle

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



43.0379, 0.3178, 0.2397



43.0379, 0.4365, 0.3146



43.0379, 0.2935, 0.4490



43.0379, 0.2008, 0.3258

Sweetspot

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



43.0398, 0.3178, 0.2397



83.3697, 0.3142, 0.3022



32.3803, 0.2461, 0.2188



17.4433, 0.3144, 0.2988



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.



43.0398, 0.3178, 0.2397



47.9808, 0.3189, 0.2221



41.0119, 0.3567, 0.2814



14.6122, 0.3140, 0.3061



12.6753, 0.3238, 0.1558



0.9376, 0.3234, 0.1555

Inverse Universe

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



43.0398, 0.3178, 0.2397



47.9808, 0.3189, 0.2221



66.3416, 0.2840, 0.3827



14.6122, 0.3140, 0.3061



12.6753, 0.3238, 0.1558



0.9376, 0.3234, 0.1555

Previews

White Background



This preview shows how the Yxy color 43.0379, 0.3178, 0.2397 looks on a white background.

Color Contrast Check

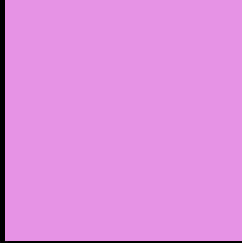
Large Text (above 18pt) WCAG AA × Fail

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 43.0379, 0.3178, 0.2397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

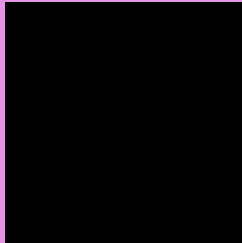
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.0379, 0.3178, 0.2397

Background



This preview shows how black text looks on a background with the Yxy color 43.0379, 0.3178, 0.2397.



This preview shows how white text looks on a background with the Yxy color 43.0379, 0.3178, 0.2397.

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

43.0379, 0.3178, 0.2397

Protanopia

43.4647, 0.2440, 0.2349

Deuteranopia

43.1024, 0.2696, 0.2632



Tritanopia

42.8856, 0.3643, 0.3149

Trichromacy



Original Color

43.0379, 0.3178, 0.2397



Protanomaly

42.3085, 0.2665, 0.2352



Deuteranomaly

42.6325, 0.2855, 0.2533



Tritanomaly

42.8803, 0.3474, 0.2864

Monochromacy



Original Color

43.0379, 0.3178, 0.2397



Achromatopsia

46.2077, 0.3127, 0.3290



Achromatomaly

44.2246, 0.3153, 0.2921

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.0379, 0.3178, 0.2397 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(230, 146, 229)` looks like.

```
.text, #text, p{  
    color:rgb(230, 146, 229)  
}
```

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(230, 146, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 146, 229) }
```

Border

The CSS property to change the border of an element to Yxy 43.0379, 0.3178, 0.2397 is called "border". The border property can be set on classes, ids or directly on the HTML element.

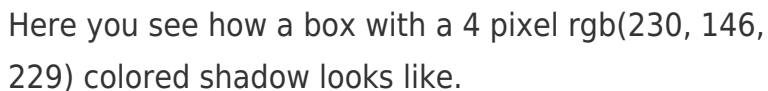
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(230, 146, 229) }
```

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

```
.border{ border-color:rgb(230, 146, 229) }
```

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



Here you see how a box with a 4 pixel `rgb(230, 146, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 146, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 146, 229);  
box-shadow:4px 4px 4px 4px rgb(230, 146,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 43.0379, 0.3178, 0.2397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 146, 229) }
```

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

```
.background{ background-color: rgb(230,  
146, 229) }
```

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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