

Converting Colors

$Y_{xy}(39.2425, 0.3162, 0.2325)$

Have a look what the booklet for
Yxy(39.2425, 0.3162, 0.2325)
contains.

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Color

Yxy(39.1749, 0.3163, 0.2326)

Conversions

Conversions Part 1

Format	Color
Hex	E089E1
RGB	224, 137, 225
RGB Percent	88%, 54%, 88%
CMY	0.1216, 0.4627, 0.1177
CMYK	0.00, 0.39, 0.00, 0.12
HSL	299°, 59%, 71%
HSV	299°, 39%, 88%
XYZ	53.2718, 39.1749, 75.9751
YIQ	173.0450, 23.6040, 45.8120

Conversions

Conversions Part 2

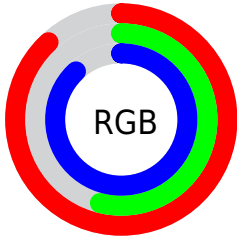
Format	Color
RYB	224, 137, 225
Decimal	14715361
CIELab	68.88, 46.39, -31.05
CIELCh	69, 55.826, 326.206
Yxy	39.1749, 0.3163, 0.2326
Android (android.graphics.Color)	4292905441 (0xFFE089E1)
YUV	173.0450, 25.6138, 44.6875
Hunter-Lab	62.5899, 42.3936, -28.1566

Details

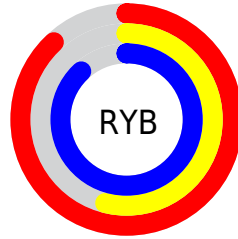
The Yxy color **39.1749, 0.3163, 0.2326** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **61.0519, 0.3077, 0.4482**, and the grayscale version is **41.6728, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.1793, 0.3156, 0.2673**, and **17.4207, 0.3157, 0.2094** is the 20% darker color. If you saturate the color by 10%, you get **33.3919, 0.3170, 0.2104**, and if you desaturate by 10%, it is **46.2949, 0.3155, 0.2567**.

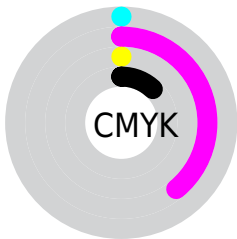
Distribution



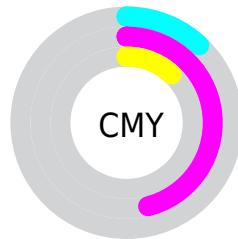
- Red (88%)
- Green (54%)
- Blue (88%)



- Red (88%)
- Yellow (54%)
- Blue (88%)



- Cyan (0%)
- Magenta (39%)
- Yellow (0%)
- Black (12%)





- Cyan (12%)
- Magenta (46%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.1749, 0.3163, 0.2326 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 39.1749, 0.3163, 0.2326 by changing the saturation by 10% instead.


 39.1749, 0.3163,
0.2326


 39.1749, 0.3163,
0.2326


342.6335, 0.3160,
0.2779


 26.8958, 0.3160,
0.2222


 73.9054, 0.3165,
0.2484

 17.4950, 0.3153,
0.2093


 97.1257, 0.3165,
0.2545

 10.5880, 0.3142,
0.1931

 124.7617, 0.3164,
0.2598

 5.7905, 0.3119,
0.1722

157.1980, 0.3164,
0.2644

 2.7181, 0.3075,
0.1444

194.8190, 0.3163,
0.2684

 0.9864, 0.2982,
0.1067

238.0089, 0.3162,

 0.0000, 0.2926,

0.2719


0.0000


287.1523, 0.3161,
0.2751

 0.0000, 0.0000,
0.0000


 39.1749, 0.3163,
0.2326


 39.1749, 0.3163,
0.2326


 33.3919, 0.3170,
0.2104


 46.2949, 0.3155,
0.2567


 28.8573, 0.3176,
0.1910


 54.8232, 0.3145,
0.2817


 25.4798, 0.3180,
0.1752


 64.8319, 0.3136,
0.3067

 23.1536, 0.3182,
0.1636

 76.3869, 0.3126,
0.3312

 21.7535, 0.3182,
0.1564

 89.5501, 0.3117,
0.3544


 21.0821, 0.3181,
0.1528

 93.0456, 0.3116,
0.3599

 21.0344, 0.3181,
0.1526

 93.0867, 0.3118,
0.3599

 93.1277, 0.3119,
0.3599

 93.1689, 0.3121,
0.3598

Harmonies

Analogous

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



39.1749, 0.2414, 0.2088



39.1749, 0.3163, 0.2326



39.1749, 0.4009, 0.2757

Triad

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



39.1749, 0.3163, 0.2326



39.1749, 0.4376, 0.4468



39.1749, 0.1825, 0.2987

Complementary

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



39.1749, 0.3163, 0.2326



61.0519, 0.3077, 0.4482

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.



39.1749, 0.2238, 0.3865



39.1749, 0.3163, 0.2326



39.1749, 0.3705, 0.4806

Square

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



39.1749, 0.3163, 0.2326



39.1749, 0.4740, 0.3906



39.1749, 0.2923, 0.4619



39.1749, 0.1728, 0.2372

Rectangle

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



39.1749, 0.3163, 0.2326



39.1749, 0.4464, 0.3116



39.1749, 0.2923, 0.4619



39.1749, 0.1927, 0.3262

Sweetspot

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



39.1766, 0.3163, 0.2326



81.9410, 0.3139, 0.2993



29.0706, 0.2410, 0.2118



17.1568, 0.3140, 0.2960



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.



39.1766, 0.3163, 0.2326



45.5938, 0.3169, 0.2141



37.2973, 0.3593, 0.2764



13.9273, 0.3136, 0.3059



12.1268, 0.3181, 0.1526



0.8431, 0.3186, 0.1529

Inverse Universe

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



35.7359, 0.4093, 0.3281



40.4218, 0.4414, 0.3280



62.4371, 0.2831, 0.3891



13.7030, 0.3290, 0.3288



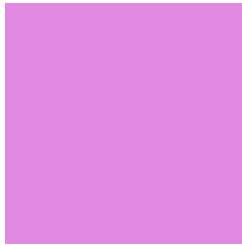
9.2286, 0.6388, 0.3293



0.6406, 0.6351, 0.3272

Previews

White Background



This preview shows how the Yxy color 39.1749, 0.3163, 0.2326 looks on a white background.

Color Contrast Check

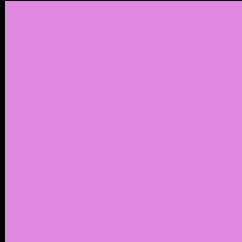
Large Text (above 18pt) WCAG AA × Fail

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 39.1749, 0.3163, 0.2326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

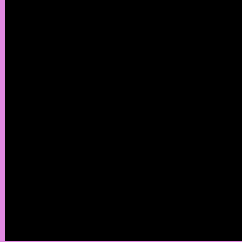
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.1749, 0.3163, 0.2326

Background



This preview shows how black text looks on a background with the Yxy color 39.1749, 0.3163, 0.2326.



This preview shows how white text looks on a background with the Yxy color 39.1749, 0.3163, 0.2326.

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

39.1749, 0.3163, 0.2326

Protanopia

39.6506, 0.2373, 0.2272

Deuteranopia

39.6078, 0.2639, 0.2584



Tritanopia

39.0203, 0.3687, 0.3145

Trichromacy



Original Color

39.1749, 0.3163, 0.2326



Protanomaly

38.3326, 0.2607, 0.2266



Deuteranomaly

38.5404, 0.2805, 0.2459



Tritanomaly

38.8136, 0.3491, 0.2817

Monochromacy



Original Color

39.1749, 0.3163, 0.2326



Achromatopsia

41.7885, 0.3127, 0.3290



Achromatomaly

40.1539, 0.3146, 0.2883

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.1749, 0.3163, 0.2326 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(224, 137, 225)` looks like.

```
.text, #text, p{  
    color:rgb(224, 137, 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(224, 137, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 137, 225) }
```

Border

The CSS property to change the border of an element to Yxy 39.1749, 0.3163, 0.2326 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(224, 137, 225) }
```

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

```
.border{ border-color:rgb(224, 137, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 137, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 137, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 137, 225);  
box-shadow:4px 4px 4px 4px rgb(224, 137,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 39.1749, 0.3163, 0.2326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 137, 225) }
```

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

```
.background{ background-color: rgb(224,  
137, 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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