

Converting Colors

$Y_{xy}(39.4278, 0.3291, 0.2535)$

Have a look what the booklet for
Yxy(39.4278, 0.3291, 0.2535)
contains.

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Color

Yxy(39.4790, 0.3288, 0.2530)

Conversions

Conversions Part 1

Format	Color
Hex	DE8ED1
RGB	222, 142, 209
RGB Percent	87%, 56%, 82%
CMY	0.1294, 0.4431, 0.1803
CMYK	0.00, 0.36, 0.06, 0.13
HSL	310°, 55%, 71%
HSV	310°, 36%, 87%
XYZ	51.3071, 39.4790, 65.2574
YIQ	173.5580, 26.1730, 37.7970

Conversions

Conversions Part 2

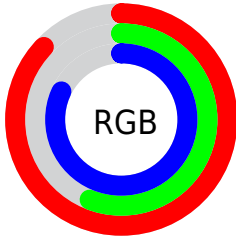
Format	Color
R _Y B	222, 142, 209
Decimal	14585553
CIE Lab	69.10, 40.32, -21.91
CIE LCh	69, 45.884, 331.484
Yxy	39.4790, 0.3288, 0.2530
Android (android.graphics.Color)	4292775633 (0xFFDE8ED1)
YUV	173.5580, 17.4729, 42.4836
Hunter-Lab	62.8323, 35.8015, -17.5957

Details

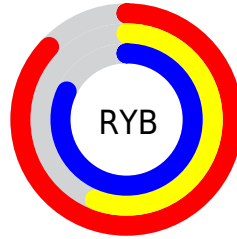
The Yxy color **39.4790, 0.3288, 0.2530** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **60.3557, 0.3001, 0.4194**, and the grayscale version is **41.9893, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.4125, 0.3154, 0.2722**, and **17.7524, 0.3334, 0.2347** is the 20% darker color. If you saturate the color by 10%, you get **33.3433, 0.3345, 0.2329**, and if you desaturate by 10%, it is **46.9376, 0.3236, 0.2742**.

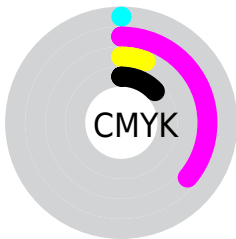
Distribution



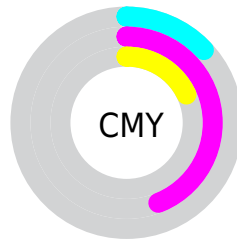
- Red (87%)
- Green (56%)
- Blue (82%)



- Red (87%)
- Yellow (56%)
- Blue (82%)



- Cyan (0%)
- Magenta (36%)
- Yellow (6%)
- Black (13%)




- Cyan (13%)
- Magenta (44%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.4790, 0.3288, 0.2530 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 39.4790, 0.3288, 0.2530 by changing the saturation by 10% instead.


 39.4790, 0.3288,
0.2530


 39.4790, 0.3288,
0.2530


343.9227, 0.3216,
0.2895

 27.1326, 0.3303,
0.2444


 74.3695, 0.3264,
0.2659

 17.6728, 0.3322,
0.2336


 97.6823, 0.3254,
0.2708

 10.7153, 0.3343,
0.2198


125.4195, 0.3246,
0.2751

 5.8758, 0.3369,
0.2014

157.9652, 0.3239,
0.2787

 2.7697, 0.3398,
0.1760

195.7040, 0.3232,
0.2819

 1.0127, 0.3424,
0.1393

239.0203, 0.3226,


 0.0000, 0.3726,


0.2847


0.0000

288.2984, 0.3221,
0.2872


 0.0000, 0.0000,
0.0000


 39.4790, 0.3288,
0.2530

 39.4790, 0.3288,
0.2530


 33.3433, 0.3345,
0.2329


 46.9376, 0.3236,
0.2742


 28.4468, 0.3405,
0.2148


 55.7859, 0.3190,
0.2956

 24.7042, 0.3468,
0.1998


 66.0925, 0.3149,
0.3167

 22.0176, 0.3531,
0.1886

 77.9198, 0.3114,
0.3369

 20.2725, 0.3592,
0.1820


 91.3267, 0.3083,
0.3559


 19.3268, 0.3650,
0.1798

 92.7964, 0.3062,
0.3541

 19.0746, 0.3673,
0.1797

 93.0014, 0.3042,
0.3503

 93.2105, 0.3022,
0.3466

 93.4239, 0.3003,
0.3428

Harmonies

Analogous

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



39.4790, 0.2634, 0.2292



39.4790, 0.3288, 0.2530



39.4790, 0.3962, 0.2927

Triad

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



39.4790, 0.3288, 0.2530



39.4790, 0.4102, 0.4358



39.4790, 0.1998, 0.2948

Complementary

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



39.4790, 0.3288, 0.2530



60.3557, 0.3001, 0.4194

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.



39.4790, 0.2313, 0.3634



39.4790, 0.3288, 0.2530



39.4790, 0.3519, 0.4534

Square

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



39.4790, 0.3288, 0.2530



39.4790, 0.4442, 0.3927



39.4790, 0.2864, 0.4272



39.4790, 0.1953, 0.2472

Rectangle

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



39.4790, 0.3288, 0.2530



39.4790, 0.4296, 0.3248



39.4790, 0.2864, 0.4272



39.4790, 0.2073, 0.3161

Sweetspot

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



39.4808, 0.3288, 0.2530



83.1015, 0.3169, 0.3061



31.4910, 0.2567, 0.2234



17.3790, 0.3175, 0.3033



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.



39.4808, 0.3288, 0.2530



47.7459, 0.3329, 0.2382



37.7781, 0.3685, 0.2959



13.8955, 0.3162, 0.3096



11.3446, 0.3665, 0.1792



0.7967, 0.3583, 0.1747

Inverse Universe

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



39.4808, 0.3288, 0.2530



47.7459, 0.3329, 0.2382



61.8852, 0.2775, 0.3653



13.8955, 0.3162, 0.3096



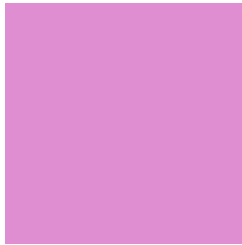
11.3446, 0.3665, 0.1792



0.7967, 0.3583, 0.1747

Previews

White Background



This preview shows how the Yxy color 39.4790, 0.3288, 0.2530 looks on a white background.

Color Contrast Check

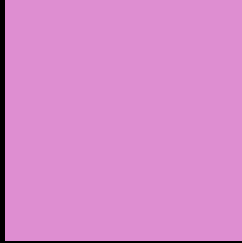
Large Text (above 18pt) WCAG AA × Fail

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 39.4790, 0.3288, 0.2530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

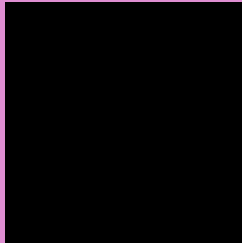
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.4790, 0.3288, 0.2530

Background



This preview shows how black text looks on a background with the Yxy color 39.4790, 0.3288, 0.2530.



This preview shows how white text looks on a background with the Yxy color 39.4790, 0.3288, 0.2530.

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

39.4790, 0.3288, 0.2530

Protanopia

39.8589, 0.2560, 0.2511

Deuteranopia

39.6429, 0.2830, 0.2762



Tritanopia

39.3765, 0.3674, 0.3145

Trichromacy



Original Color

39.4790, 0.3288, 0.2530



Protanomaly

38.9681, 0.2789, 0.2511



Deuteranomaly

39.2615, 0.2992, 0.2674



Tritanomaly

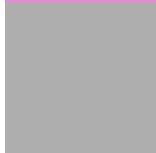
39.3805, 0.3526, 0.2909

Monochromacy



Original Color

39.4790, 0.3288, 0.2530



Achromatopsia

42.3268, 0.3127, 0.3290



Achromatomaly

40.5049, 0.3179, 0.2969

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.4790, 0.3288, 0.2530 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(222, 142, 209)` looks like.

```
.text, #text, p{  
    color:rgb(222, 142, 209)  
}
```

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(222, 142, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 142, 209) }
```

Border

The CSS property to change the border of an element to Yxy 39.4790, 0.3288, 0.2530 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(222, 142, 209) }
```

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

```
.border{ border-color:rgb(222, 142, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 142, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 142, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 142, 209);  
box-shadow:4px 4px 4px 4px rgb(222, 142,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 39.4790, 0.3288, 0.2530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 142, 209) }
```

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

```
.background{ background-color: rgb(222,  
142, 209) }
```

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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