

Converting Colors

$Y_{xy}(39.7574, 0.3336, 0.2579)$

Have a look what the booklet for
Yxy(39.7574, 0.3336, 0.2579)
contains.

Yxy(39.7407, 0.3335, 0.2585)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(39.7407, 0.3335, 0.2585)

Conversions

Conversions Part 1

Format	Color
Hex	DF8FCD
RGB	223, 143, 205
RGB Percent	87%, 56%, 80%
CMY	0.1255, 0.4392, 0.1961
CMYK	0.00, 0.36, 0.08, 0.13
HSL	313°, 56%, 72%
HSV	313°, 36%, 87%
XYZ	51.2709, 39.7407, 62.7242
YIQ	173.9880, 27.7780, 36.2420

Conversions

Conversions Part 2

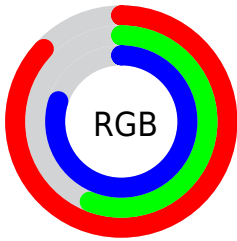
Format	Color
R_{YB}	223, 143, 205
Decimal	14651341
CIE _{Lab}	69.28, 39.41, -19.37
CIE _{LCh}	69, 43.916, 333.826
Yxy	39.7407, 0.3335, 0.2585
Android (android.graphics.Color)	4292841421 (0xFFDF8FCD)
YUV	173.9880, 15.2889, 42.9835
Hunter-Lab	63.0402, 34.8544, -14.8646

Details

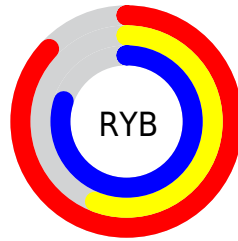
The Yxy color **39.7407, 0.3335, 0.2585** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **61.1848, 0.2972, 0.4119**, and the grayscale version is **42.2316, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.8682, 0.3153, 0.2732**, and **17.8235, 0.3373, 0.2400** is the 20% darker color. If you saturate the color by 10%, you get **33.4607, 0.3411, 0.2395**, and if you desaturate by 10%, it is **47.3628, 0.3267, 0.2784**.

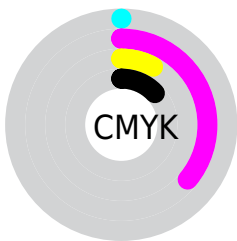
Distribution



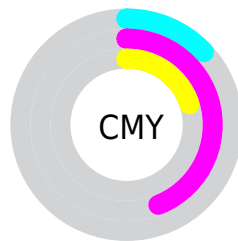
- Red (87%)
- Green (56%)
- Blue (80%)



- Red (87%)
- Yellow (56%)
- Blue (80%)



- Cyan (0%)
- Magenta (36%)
- Yellow (8%)
- Black (13%)



- Cyan (13%)
- Magenta (44%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.7407, 0.3335, 0.2585 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 39.7407, 0.3335, 0.2585 by changing the saturation by 10% instead.


 39.7407, 0.3335,
0.2585


 39.7407, 0.3335,
0.2585


345.0294, 0.3238,
0.2925

 27.3364, 0.3357,
0.2504


 74.7685, 0.3301,
0.2706

 17.8261, 0.3384,
0.2403


 98.1608, 0.3288,
0.2752

 10.8252, 0.3418,
0.2272


125.9846, 0.3277,
0.2791

 5.9494, 0.3462,
0.2098

158.6243, 0.3267,
0.2825

 2.8143, 0.3519,
0.1854

196.4642, 0.3259,
0.2855

 1.0356, 0.3592,
0.1497

239.8888, 0.3251,

 0.0000, 0.4056,

0.2881

0.0000

289.2824, 0.3244,
0.2904

0.0000, 0.0000,
0.0000

39.7407, 0.3335,
0.2585

39.7407, 0.3335,
0.2585

33.4607, 0.3411,
0.2395

47.3628, 0.3267,
0.2784

28.4379, 0.3495,
0.2224

56.3942, 0.3206,
0.2984

24.5866, 0.3583,
0.2082

66.9044, 0.3154,
0.3179


21.8076, 0.3673,
0.1978


78.9565, 0.3110,
0.3366

19.9855, 0.3763,
0.1920

92.6100, 0.3072,
0.3541


 18.9778, 0.3849,
0.1910

 93.2105, 0.3044,
0.3494

 18.6970, 0.3885,
0.1914

 93.5048, 0.3016,
0.3442

 93.8073, 0.2988,
0.3390

 94.1181, 0.2961,
0.3338

Harmonies

Analogous

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



39.7407, 0.2700, 0.2342



39.7407, 0.3335, 0.2585



39.7407, 0.3969, 0.2978

Triad

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



39.7407, 0.3335, 0.2585



39.7407, 0.4026, 0.4339



39.7407, 0.2030, 0.2922

Complementary

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



39.7407, 0.3335, 0.2585



61.1848, 0.2972, 0.4119

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.



39.7407, 0.2316, 0.3565



39.7407, 0.3335, 0.2585



39.7407, 0.3458, 0.4472

Square

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



39.7407, 0.3335, 0.2585



39.7407, 0.4373, 0.3944



39.7407, 0.2831, 0.4186



39.7407, 0.2006, 0.2483

Rectangle

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



39.7407, 0.3335, 0.2585



39.7407, 0.4271, 0.3292



39.7407, 0.2831, 0.4186



39.7407, 0.2096, 0.3121

Sweetspot

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



39.7425, 0.3335, 0.2585



82.9910, 0.3180, 0.3078



32.4841, 0.2613, 0.2251



17.3525, 0.3188, 0.3051



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.



39.7425, 0.3335, 0.2585



47.3497, 0.3391, 0.2442



38.0760, 0.3740, 0.3023



13.8801, 0.3172, 0.3110



11.0123, 0.3872, 0.1907



0.7764, 0.3749, 0.1839

Inverse Universe

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



39.7425, 0.3335, 0.2585



47.3497, 0.3391, 0.2442



62.7971, 0.2747, 0.3580



13.8801, 0.3172, 0.3110



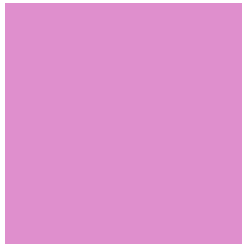
11.0123, 0.3872, 0.1907



0.7764, 0.3749, 0.1839

Previews

White Background



This preview shows how the Yxy color 39.7407, 0.3335, 0.2585 looks on a white background.

Color Contrast Check

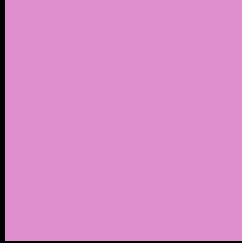
Large Text (above 18pt) WCAG AA × Fail

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 39.7407, 0.3335, 0.2585 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

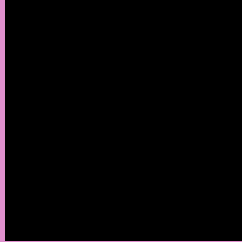
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.7407, 0.3335, 0.2585

Background



This preview shows how black text looks on a background with the Yxy color 39.7407, 0.3335, 0.2585.



This preview shows how white text looks on a background with the Yxy color 39.7407, 0.3335, 0.2585.

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

39.7407, 0.3335, 0.2585

Protanopia

40.2478, 0.2615, 0.2585

Deuteranopia

40.1474, 0.2886, 0.2828



Tritanopia

39.6830, 0.3694, 0.3146

Trichromacy



Original Color

39.7407, 0.3335, 0.2585



Protanomaly

39.4574, 0.2844, 0.2573



Deuteranomaly

39.6651, 0.3043, 0.2736



Tritanomaly

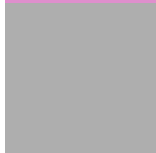
39.6098, 0.3567, 0.2935

Monochromacy



Original Color

39.7407, 0.3335, 0.2585



Achromatopsia

42.3268, 0.3127, 0.3290



Achromatomaly

40.9036, 0.3205, 0.3008

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.7407, 0.3335, 0.2585 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(223, 143, 205)` looks like.

```
.text, #text, p{  
    color:rgb(223, 143, 205)  
}
```

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(223, 143, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 143, 205) }
```

Border

The CSS property to change the border of an element to Yxy 39.7407, 0.3335, 0.2585 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(223, 143, 205) }
```

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

```
.border{ border-color:rgb(223, 143, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 143, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 143, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 143, 205);  
box-shadow:4px 4px 4px 4px rgb(223, 143,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 39.7407, 0.3335, 0.2585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 143, 205) }
```

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

```
.background{ background-color: rgb(223,  
143, 205) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor