

Converting Colors

$Y_{xy}(39.2332, 0.3314, 0.2475)$

Have a look what the booklet for
Yxy(39.2332, 0.3314, 0.2475)
contains.

Yxy(39.2110, 0.3321, 0.2479)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(39.2110, 0.3321, 0.2479)

Conversions

Conversions Part 1

Format	Color
Hex	E38AD3
RGB	227, 138, 211
RGB Percent	89%, 54%, 83%
CMY	0.1097, 0.4588, 0.1725
CMYK	0.00, 0.39, 0.07, 0.11
HSL	311°, 61%, 72%
HSV	311°, 39%, 89%
XYZ	52.5291, 39.2110, 66.4325
YIQ	172.9330, 29.6110, 41.5710

Conversions

Conversions Part 2

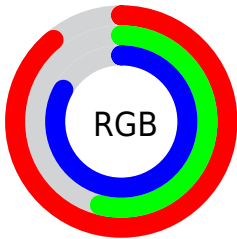
Format	Color
R _Y B	227, 138, 211
Decimal	14912211
CIE Lab	68.90, 44.36, -23.24
CIE LCh	69, 50.078, 332.344
Yxy	39.2110, 0.3321, 0.2479
Android (android.graphics.Color)	4293102291 (0xFFE38AD3)
YUV	172.9330, 18.7670, 47.4168
Hunter-Lab	62.6187, 40.1562, -19.0680

Details

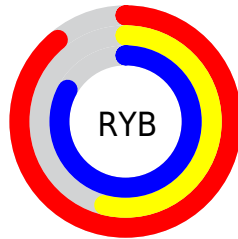
The Yxy color **39.2110, 0.3321, 0.2479** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **62.6832, 0.2982, 0.4269**, and the grayscale version is **41.6456, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.6199, 0.3156, 0.2683**, and **17.4433, 0.3366, 0.2273** is the 20% darker color. If you saturate the color by 10%, you get **33.1635, 0.3385, 0.2286**, and if you desaturate by 10%, it is **46.6285, 0.3263, 0.2685**.

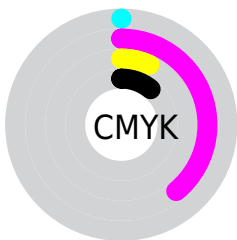
Distribution



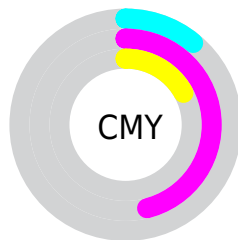
- Red (89%)
- Green (54%)
- Blue (83%)



- Red (89%)
- Yellow (54%)
- Blue (83%)



- Cyan (0%)
- Magenta (39%)
- Yellow (7%)
- Black (11%)





- Cyan (11%)
- Magenta (46%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.2110, 0.3321, 0.2479 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 39.2110, 0.3321, 0.2479 by changing the saturation by 10% instead.


 39.2110, 0.3321,
0.2479


 39.2110, 0.3321,
0.2479


342.7867, 0.3234,
0.2866


 26.9239, 0.3340,
0.2388


 73.9605, 0.3292,
0.2615

 17.5161, 0.3362,
0.2275


 97.1918, 0.3280,
0.2668

 10.6031, 0.3389,
0.2130


 124.8399, 0.3270,
0.2713

 5.8006, 0.3422,
0.1939

157.2892, 0.3261,
0.2752

 2.7242, 0.3460,
0.1677

194.9242, 0.3253,
0.2786

 0.9895, 0.3498,
0.1304


238.1291, 0.3246,


 0.0000, 0.3790,


0.2816


0.0000


287.2885, 0.3240,
0.2842


 0.0000, 0.0000,
0.0000


 39.2110, 0.3321,
0.2479


 39.2110, 0.3321,
0.2479


 33.1635, 0.3385,
0.2286


 46.6285, 0.3263,
0.2685


 28.3952, 0.3453,
0.2117

 55.4889, 0.3210,
0.2896


 24.8126, 0.3523,
0.1980


 65.8660, 0.3164,
0.3104


 22.3073, 0.3593,
0.1885


 77.8274, 0.3124,
0.3305


 20.7509, 0.3662,
0.1836


 91.4363, 0.3090,
0.3496


 19.9394, 0.3726,
0.1829

 93.8808, 0.3066,
0.3488

 19.8869, 0.3731,
0.1829

 94.1201, 0.3043,
0.3446

 94.3650, 0.3020,
0.3404

 94.6153, 0.2998,
0.3363

Harmonies

Analogous

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



39.2110, 0.2607, 0.2219



39.2110, 0.3321, 0.2479



39.2110, 0.4059, 0.2907

Triad

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



39.2110, 0.3321, 0.2479



39.2110, 0.4163, 0.4454



39.2110, 0.1900, 0.2890

Complementary

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



39.2110, 0.3321, 0.2479



62.6832, 0.2982, 0.4269

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.



39.2110, 0.2226, 0.3641



39.2110, 0.3321, 0.2479



39.2110, 0.3523, 0.4656

Square

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



39.2110, 0.3321, 0.2479



39.2110, 0.4551, 0.3981



39.2110, 0.2813, 0.4361



39.2110, 0.1863, 0.2387

Rectangle

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



39.2110, 0.3321, 0.2479



39.2110, 0.4418, 0.3251



39.2110, 0.2813, 0.4361



39.2110, 0.1976, 0.3120

Sweetspot

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



39.2128, 0.3321, 0.2479



81.6572, 0.3177, 0.3045



30.4787, 0.2518, 0.2128



17.0896, 0.3183, 0.3018



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.



39.2128, 0.3321, 0.2479



44.5386, 0.3372, 0.2322



37.3241, 0.3773, 0.2946



14.5684, 0.3165, 0.3099



11.6120, 0.3722, 0.1824



0.8698, 0.3634, 0.1776

Inverse Universe

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



39.2128, 0.3321, 0.2479



44.5386, 0.3372, 0.2322



64.3969, 0.2741, 0.3672



14.5684, 0.3165, 0.3099



11.6120, 0.3722, 0.1824



0.8698, 0.3634, 0.1776

Previews

White Background



This preview shows how the Yxy color 39.2110, 0.3321, 0.2479 looks on a white background.

Color Contrast Check

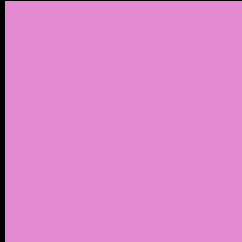
Large Text (above 18pt) WCAG AA × Fail

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 39.2110, 0.3321, 0.2479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

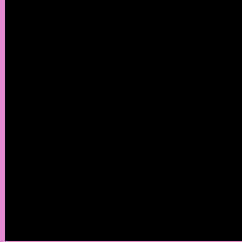
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.2110, 0.3321, 0.2479

Background



This preview shows how black text looks on a background with the Yxy color 39.2110, 0.3321, 0.2479.



This preview shows how white text looks on a background with the Yxy color 39.2110, 0.3321, 0.2479.

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

39.2110, 0.3321, 0.2479

Protanopia

39.4882, 0.2507, 0.2439

Deuteranopia

39.4735, 0.2806, 0.2747



Tritanopia

39.0900, 0.3765, 0.3148

Trichromacy



Original Color

39.2110, 0.3321, 0.2479



Protanomaly

38.5059, 0.2758, 0.2443



Deuteranomaly

38.6881, 0.2975, 0.2625



Tritanomaly

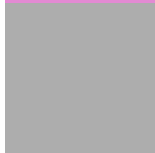
38.8892, 0.3595, 0.2880

Monochromacy



Original Color

39.2110, 0.3321, 0.2479



Achromatopsia

41.7885, 0.3127, 0.3290



Achromatomaly

40.0669, 0.3200, 0.2945

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.2110, 0.3321, 0.2479 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(227, 138, 211)` looks like.

```
.text, #text, p{  
    color:rgb(227, 138, 211)  
}
```

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(227, 138, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 138, 211) }
```

Border

The CSS property to change the border of an element to Yxy 39.2110, 0.3321, 0.2479 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(227, 138, 211) }
```

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

```
.border{ border-color:rgb(227, 138, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 138, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 138, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 138, 211);  
box-shadow:4px 4px 4px 4px rgb(227, 138,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 39.2110, 0.3321, 0.2479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 138, 211) }
```

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

```
.background{ background-color: rgb(227,  
138, 211) }
```

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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