

# Converting Colors

Yxy(43.9037, 0.3181, 0.2525)

Have a look what the booklet for  
Yxy(43.9037, 0.3181, 0.2525)  
contains.

<b>Yxy(43.9037, 0.3181, 0.2525)</b> .....	3
<b>Conversions</b> .....	4
<b>Details</b> .....	6
<b>Harmonies</b> .....	12
<b>Previews</b> .....	24
<b>Color Blindness Simulation</b> .....	27
<b>CSS Examples</b> .....	30

# Color

**Yxy(43.9037, 0.3181, 0.2525)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E099DE
RGB	224, 153, 222
RGB Percent	88%, 60%, 87%
CMY	0.1217, 0.3999, 0.1294
CMYK	0.00, 0.32, 0.01, 0.12
HSL	302°, 53%, 74%
HSV	302°, 32%, 88%
XYZ	55.3100, 43.9037, 74.6624
YIQ	182.0950, 20.1670, 36.5110

# Conversions

## Conversions Part 2

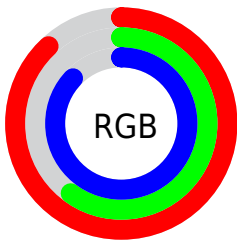
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	224, 153, 222
Decimal	14719454
CIE Lab	72.16, 37.42, -24.36
CIE LCh	72, 44.649, 326.939
Yxy	43.9037, 0.3181, 0.2525
Android (android.graphics.Color)	4292909534 (0xFFE099DE)
YUV	182.0950, 19.6732, 36.7507
Hunter-Lab	66.2599, 33.0469, -20.4267

# Details

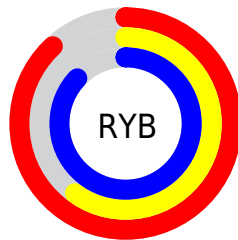
The Yxy color  $43.9037, 0.3181, 0.2525$  is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be  $62.4388, 0.3072, 0.4196$ , and the grayscale version is  $46.7172, 0.3127, 0.3290$ .

A 20% lighter version of the original color is  $73.5918, 0.3149, 0.2831$ , and  $20.4222, 0.3184, 0.2341$  is the 20% darker color. If you saturate the color by 10%, you get  $37.2146, 0.3199, 0.2294$ , and if you desaturate by 10%, it is  $51.9729, 0.3163, 0.2767$ .

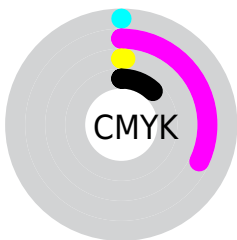
# Distribution



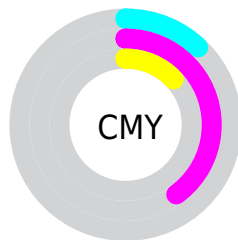
- Red (88%)
- Green (60%)
- Blue (87%)



- Red (88%)
- Yellow (60%)
- Blue (87%)



- Cyan (0%)
- Magenta (32%)
- Yellow (1%)
- Black (12%)




- Cyan (12%)
- Magenta (40%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 43.9037, 0.3181, 0.2525 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 43.9037, 0.3181, 0.2525 by changing the saturation by 10% instead.





 43.9037, 0.3181,  
0.2525


 43.9037, 0.3181,  
0.2525

362.3152, 0.3164,  
0.2886

 30.5948, 0.3183,  
0.2441


 81.0728, 0.3177,  
0.2651

 20.2905, 0.3184,  
0.2338


 105.7018, 0.3175,  
0.2700

 12.6064, 0.3183,  
0.2206


134.8730, 0.3172,  
0.2742

 7.1581, 0.3177,  
0.2033

168.9707, 0.3170,  
0.2778

 3.5612, 0.3162,  
0.1799

208.3794, 0.3169,  
0.2810

 1.4312, 0.3123,  
0.1467

253.4835, 0.3167,

 0.2396, 0.3128,

0.2838

0.0636

304.6672, 0.3165,  
0.2863

0.0000, 0.1050,  
0.0000

0.0000, 0.0000,  
0.0000

43.9037, 0.3181,  
0.2525

43.9037, 0.3181,  
0.2525

37.2146, 0.3199,  
0.2294

51.9729, 0.3163,  
0.2767

31.8226, 0.3217,  
0.2083


61.4874, 0.3146,  
0.3011

27.6449, 0.3234,  
0.1903


72.5156, 0.3130,  
0.3251

24.5866, 0.3249,  
0.1760


85.1195, 0.3115,  
0.3480


 22.5390, 0.3262,  
0.1660

 92.8062, 0.3106,  
0.3598


 21.3716, 0.3273,  
0.1603

 92.8404, 0.3102,  
0.3592

 20.8909, 0.3281,  
0.1581

 92.8748, 0.3099,  
0.3585

 92.9092, 0.3095,  
0.3578

 92.9438, 0.3091,  
0.3572

# Harmonies

## Analogous

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



43.9037, 0.2584, 0.2327



43.9037, 0.3181, 0.2525



43.9037, 0.3824, 0.2885

# Triad

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



43.9037, 0.3181, 0.2525



43.9037, 0.4116, 0.4250



43.9037, 0.2088, 0.3062

# Complementary

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



43.9037, 0.3181, 0.2525



62.4388, 0.3072, 0.4196

# 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.



43.9037, 0.2428, 0.3715



43.9037, 0.3181, 0.2525



43.9037, 0.3594, 0.4455

# Square

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



43.9037, 0.3181, 0.2525



43.9037, 0.4385, 0.3829



43.9037, 0.2975, 0.4271



43.9037, 0.2005, 0.2573



# Rectangle

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



43.9037, 0.3181, 0.2525



43.9037, 0.4166, 0.3184



43.9037, 0.2975, 0.4271



43.9037, 0.2174, 0.3270

# Sweetspot

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



43.9056, 0.3181, 0.2525



84.7500, 0.3143, 0.3050



35.0589, 0.2573, 0.2360



17.7173, 0.3146, 0.3016



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.



43.9056, 0.3181, 0.2525



52.7949, 0.3193, 0.2371



42.2333, 0.3502, 0.2892



13.9287, 0.3142, 0.3065



12.1661, 0.3280, 0.1580



0.8454, 0.3268, 0.1574



# Inverse Universe

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



43.9056, 0.3181, 0.2525



52.7949, 0.3193, 0.2371



63.7760, 0.2867, 0.3728



13.9287, 0.3142, 0.3065



12.1661, 0.3280, 0.1580

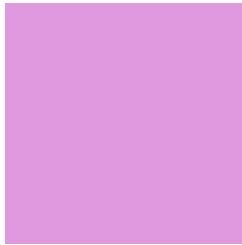


0.8454, 0.3268, 0.1574



# Previews

## White Background



This preview shows how the Yxy color 43.9037, 0.3181, 0.2525 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

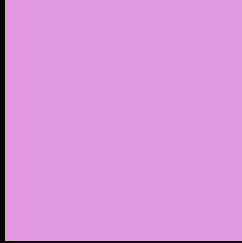
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 43.9037, 0.3181, 0.2525 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

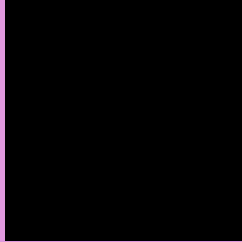
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 43.9037, 0.3181, 0.2525**

## Background



This preview shows how black text looks on a background with the Yxy color 43.9037, 0.3181, 0.2525.



This preview shows how white text looks on a background with the Yxy color 43.9037, 0.3181, 0.2525.

# 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

43.9037, 0.3181, 0.2525

### Protanopia

44.2039, 0.2556, 0.2507

### Deuteranopia

44.3327, 0.2792, 0.2735



## Tritanopia

43.8412, 0.3545, 0.3136

## Trichromacy



### Original Color

43.9037, 0.3181, 0.2525



### Protanomaly

43.5309, 0.2759, 0.2507



### Deuteranomaly

43.5934, 0.2925, 0.2648



### Tritanomaly

43.8177, 0.3409, 0.2904

## Monochromacy



### Original Color

43.9037, 0.3181, 0.2525



### Achromatopsia

46.7784, 0.3127, 0.3290



### Achromatomaly

45.0274, 0.3142, 0.2968

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 43.9037, 0.3181, 0.2525 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, 153, 222)` looks like.

```
.text, #text, p{  
    color:rgb(224, 153, 222)  
}
```

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, 153, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 153, 222) }
```

## Border

The CSS property to change the border of an element to Yxy 43.9037, 0.3181, 0.2525 is called "border". The border property can be set on classes, ids or directly on the HTML element.

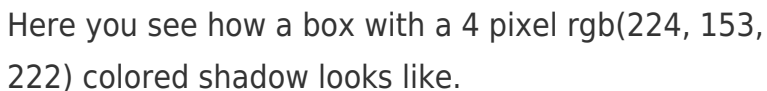
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(224, 153, 222) }
```

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

```
.border{ border-color:rgb(224, 153, 222) }
```

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



Here you see how a box with a 4 pixel `rgb(224, 153, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(224, 153, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(224, 153, 222); box-shadow:4px 4px 4px 4px rgb(224, 153, 222) }
```



# Background

The CSS property to change the background color of an element to Yxy 43.9037, 0.3181, 0.2525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 153, 222) }
```

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

```
.background{ background-color: rgb(224,  
153, 222) }
```

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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