

Converting Colors

$Yxy(39.4487, 0.3370, 0.2705)$

Have a look what the booklet for
Yxy(39.4487, 0.3370, 0.2705)
contains.

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Color

Yxy(39.4487, 0.3370, 0.2705)

Conversions

Conversions Part 1

Format	Color
Hex	DA92C4
RGB	218, 146, 196
RGB Percent	85%, 57%, 77%
CMY	0.1452, 0.4274, 0.2314
CMYK	0.00, 0.33, 0.10, 0.15
HSL	318°, 49%, 71%
HSV	318°, 33%, 85%
XYZ	49.1468, 39.4487, 57.2407
YIQ	173.2280, 26.8620, 30.8140

Conversions

Conversions Part 2

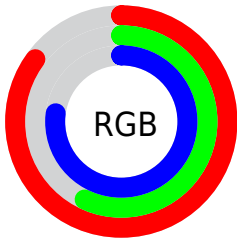
Format	Color
R _Y B	218, 146, 196
Decimal	14324420
CIE Lab	69.08, 34.62, -14.73
CIE LCh	69, 37.621, 336.943
Yxy	39.4487, 0.3370, 0.2705
Android (android.graphics.Color)	4292514500 (0xFFDA92C4)
YUV	173.2280, 11.2266, 39.2650
Hunter-Lab	62.8082, 29.7602, -10.0686

Details

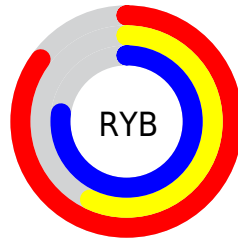
The Yxy color **39.4487, 0.3370, 0.2705** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **59.0649, 0.2949, 0.3959**, and the grayscale version is **41.8437, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.1251, 0.3166, 0.2780**, and **17.6398, 0.3439, 0.2550** is the 20% darker color. If you saturate the color by 10%, you get **33.0611, 0.3469, 0.2529**, and if you desaturate by 10%, it is **47.1344, 0.3283, 0.2886**.

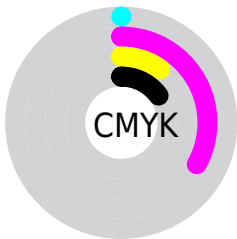
Distribution



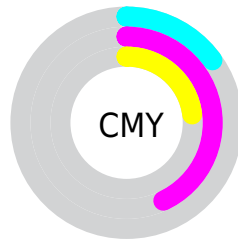
- Red (85%)
- Green (57%)
- Blue (77%)



- Red (85%)
- Yellow (57%)
- Blue (77%)



- Cyan (0%)
- Magenta (33%)
- Yellow (10%)
- Black (15%)





- Cyan (15%)
- Magenta (43%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.4487, 0.3370, 0.2705 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 39.4487, 0.3370, 0.2705 by changing the saturation by 10% instead.


 39.4487, 0.3370,
0.2705


 39.4487, 0.3370,
0.2705


343.7944, 0.3252,
0.2991

 27.1090, 0.3398,
0.2636


 74.3233, 0.3328,
0.2807

 17.6551, 0.3434,
0.2548


 97.6269, 0.3312,
0.2846

 10.7026, 0.3480,
0.2434


125.3540, 0.3298,
0.2879

 5.8673, 0.3543,
0.2279

157.8888, 0.3287,
0.2908

 2.7645, 0.3631,
0.2058

195.6159, 0.3276,
0.2933

 1.0101, 0.3764,
0.1721

238.9196, 0.3267,

 0.0000, 0.4487,

0.2954

0.0000

288.1843, 0.3259,
0.2974

0.0000, 0.0000,
0.0000

39.4487, 0.3370,
0.2705

39.4487, 0.3370,
0.2705

33.0611, 0.3469,
0.2529

47.1344, 0.3283,
0.2886

27.8931, 0.3581,
0.2366

56.1803, 0.3208,
0.3066

23.8659, 0.3702,
0.2228


66.6508, 0.3144,
0.3240

20.8893, 0.3830,
0.2125

78.6047, 0.3091,
0.3404

18.8592, 0.3962,
0.2067

92.0928, 0.3045,
0.3557


 17.6501, 0.4091,
0.2058

 92.4725, 0.3009,
0.3487

 17.1466, 0.4179,
0.2076

 92.8667, 0.2972,
0.3417

 93.2755, 0.2936,
0.3348

 93.6399, 0.2906,
0.3289

Harmonies

Analogous

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



39.4487, 0.2814, 0.2474



39.4487, 0.3370, 0.2705



39.4487, 0.3898, 0.3066

Triad

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



39.4487, 0.3370, 0.2705



39.4487, 0.3869, 0.4226



39.4487, 0.2157, 0.2933

Complementary

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



39.4487, 0.3370, 0.2705



59.0649, 0.2949, 0.3959

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.



39.4487, 0.2390, 0.3470



39.4487, 0.3370, 0.2705



39.4487, 0.3367, 0.4287

Square

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



39.4487, 0.3370, 0.2705



39.4487, 0.4186, 0.3913



39.4487, 0.2825, 0.4002



39.4487, 0.2157, 0.2566

Rectangle

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



39.4487, 0.3370, 0.2705



39.4487, 0.4137, 0.3347



39.4487, 0.2825, 0.4002



39.4487, 0.2209, 0.3099

Sweetspot

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



39.4505, 0.3370, 0.2705



84.3041, 0.3188, 0.3118



33.9074, 0.2714, 0.2360



17.6087, 0.3198, 0.3093



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.



39.4505, 0.3370, 0.2705



49.4156, 0.3442, 0.2574



38.0181, 0.3736, 0.3117



13.2036, 0.3184, 0.3129



10.2964, 0.4161, 0.2066



0.6821, 0.3969, 0.1960

Inverse Universe

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



39.4505, 0.3370, 0.2705



49.4156, 0.3442, 0.2574



60.5770, 0.2739, 0.3474



13.2036, 0.3184, 0.3129



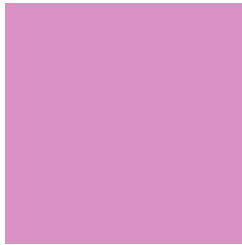
10.2964, 0.4161, 0.2066



0.6821, 0.3969, 0.1960

Previews

White Background



This preview shows how the Yxy color 39.4487, 0.3370, 0.2705 looks on a white background.

Color Contrast Check

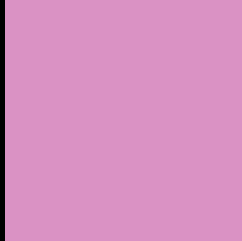
Large Text (above 18pt) WCAG AA × Fail

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 39.4487, 0.3370, 0.2705 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

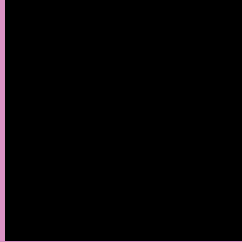
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.4487, 0.3370, 0.2705

Background



This preview shows how black text looks on a background with the Yxy color 39.4487, 0.3370, 0.2705.



This preview shows how white text looks on a background with the Yxy color 39.4487, 0.3370, 0.2705.

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

39.4487, 0.3370, 0.2705

Protanopia

39.6615, 0.2724, 0.2718

Deuteranopia

39.7592, 0.2974, 0.2917



Tritanopia

39.4330, 0.3641, 0.3144

Trichromacy



Original Color

39.4487, 0.3370, 0.2705



Protanomaly

38.9074, 0.2929, 0.2698



Deuteranomaly

39.2959, 0.3111, 0.2830



Tritanomaly

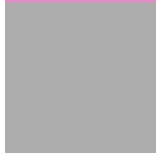
39.3944, 0.3533, 0.2976

Monochromacy



Original Color

39.4487, 0.3370, 0.2705



Achromatopsia

41.7885, 0.3127, 0.3290



Achromatomaly

40.3494, 0.3213, 0.3056

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.4487, 0.3370, 0.2705 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(218, 146, 196)` looks like.

```
.text, #text, p{  
    color:rgb(218, 146, 196)  
}
```

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(218, 146, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 146, 196) }
```

Border

The CSS property to change the border of an element to Yxy 39.4487, 0.3370, 0.2705 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(218, 146, 196) }
```

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

```
.border{ border-color:rgb(218, 146, 196) }
```

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

Here you see how a box with a 4 pixel rgb(218, 146, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 146, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 146, 196);  
box-shadow:4px 4px 4px 4px rgb(218, 146,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 39.4487, 0.3370, 0.2705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 146, 196) }
```

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

```
.background{ background-color: rgb(218,  
146, 196) }
```

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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