

Converting Colors

Yxy(39.1685, 0.3418, 0.2792)

Have a look what the booklet for
Yxy(39.1685, 0.3418, 0.2792)
contains.

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Color

Yxy(39.1405, 0.3418, 0.2791)

Conversions

Conversions Part 1

Format	Color
Hex	D893BD
RGB	216, 147, 189
RGB Percent	85%, 58%, 74%
CMY	0.1530, 0.4235, 0.2589
CMYK	0.00, 0.32, 0.13, 0.15
HSL	323°, 47%, 71%
HSV	323°, 32%, 85%
XYZ	47.9334, 39.1405, 53.1643
YIQ	172.4190, 27.6420, 27.6900

Conversions

Conversions Part 2

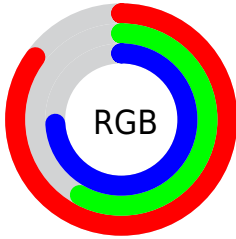
Format	Color
R _Y B	216, 147, 189
Decimal	14193597
CIE Lab	68.85, 32.24, -11.19
CIE LCh	69, 34.130, 340.859
Yxy	39.1405, 0.3418, 0.2791
Android (android.graphics.Color)	4292383677 (0xFFD893BD)
YUV	172.4190, 8.1744, 38.2205
Hunter-Lab	62.5624, 27.2773, -6.5899

Details

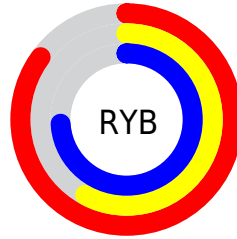
The Yxy color **39.1405, 0.3418, 0.2791** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **58.3656, 0.2918, 0.3850**, and the grayscale version is **41.4263, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.0936, 0.3222, 0.2865**, and **17.4356, 0.3495, 0.2645** is the 20% darker color. If you saturate the color by 10%, you get **32.6866, 0.3544, 0.2633**, and if you desaturate by 10%, it is **46.8805, 0.3310, 0.2952**.

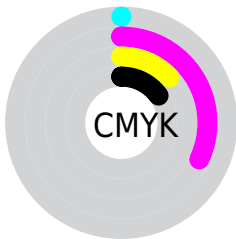
Distribution



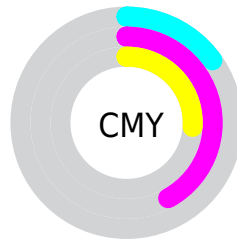
- Red (85%)
- Green (58%)
- Blue (74%)



- Red (85%)
- Yellow (58%)
- Blue (74%)



- Cyan (0%)
- Magenta (32%)
- Yellow (13%)
- Black (15%)





- Cyan (15%)
- Magenta (42%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.1405, 0.3418, 0.2791 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 39.1405, 0.3418, 0.2791 by changing the saturation by 10% instead.

 39.1405, 0.3418,
0.2791


 39.1405, 0.3418,
0.2791


342.4875, 0.3273,
0.3037

 26.8690, 0.3454,
0.2731


 73.8529, 0.3366,
0.2880

 17.4749, 0.3500,
0.2654


 97.0626, 0.3346,
0.2913

 10.5737, 0.3560,
0.2553


124.6873, 0.3329,
0.2942

 5.7809, 0.3644,
0.2414

157.1112, 0.3315,
0.2966

 2.7123, 0.3768,
0.2212

194.7187, 0.3303,
0.2987

 0.9835, 0.3966,
0.1895

237.8944, 0.3292,


 0.0000, 0.5085,


0.3006

0.0000


287.0225, 0.3282,
0.3023


 0.0000, 0.0000,
0.0000

 39.1405, 0.3418,
0.2791


 39.1405, 0.3418,
0.2791


 32.6866, 0.3544,
0.2633


 46.8805, 0.3310,
0.2952

 27.4422, 0.3688,
0.2487


 55.9667, 0.3218,
0.3110


 23.3311, 0.3848,
0.2362

 66.4620, 0.3141,
0.3262


 20.2660, 0.4021,
0.2270

 78.4237, 0.3076,
0.3404


 18.1468, 0.4201,
0.2224

 91.9011, 0.3023,
0.3537

 16.8534, 0.4380,
0.2228

 92.3913, 0.2976,
0.3447

 16.2474, 0.4522,
0.2265

 92.9048, 0.2930,
0.3359

 93.3368, 0.2894,
0.3289

Harmonies

Analogous

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



39.1405, 0.2905, 0.2559



39.1405, 0.3418, 0.2791



39.1405, 0.3879, 0.3137

Triad

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



39.1405, 0.3418, 0.2791



39.1405, 0.3755, 0.4167



39.1405, 0.2225, 0.2915

Complementary

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



39.1405, 0.3418, 0.2791



58.3656, 0.2918, 0.3850

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.



39.1405, 0.2414, 0.3388



39.1405, 0.3418, 0.2791



39.1405, 0.3285, 0.4175

Square

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



39.1405, 0.3418, 0.2791



39.1405, 0.4070, 0.3912



39.1405, 0.2795, 0.3879



39.1405, 0.2252, 0.2601

Rectangle

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



39.1405, 0.3418, 0.2791



39.1405, 0.4073, 0.3401



39.1405, 0.2795, 0.3879



39.1405, 0.2264, 0.3060

Sweetspot

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



39.1423, 0.3418, 0.2791



84.1694, 0.3203, 0.3139



34.7651, 0.2780, 0.2406



17.5761, 0.3214, 0.3117



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.



39.1423, 0.3418, 0.2791



50.7611, 0.3497, 0.2689



37.8374, 0.3770, 0.3193



12.5465, 0.3197, 0.3149



9.6399, 0.4496, 0.2251



0.5975, 0.4215, 0.2096

Inverse Universe

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



39.1423, 0.3418, 0.2791



50.7611, 0.3497, 0.2689



59.8601, 0.2718, 0.3392



12.5465, 0.3197, 0.3149



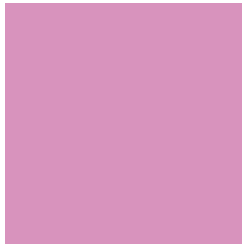
9.6399, 0.4496, 0.2251



0.5975, 0.4215, 0.2096

Previews

White Background



This preview shows how the Yxy color 39.1405, 0.3418, 0.2791 looks on a white background.

Color Contrast Check

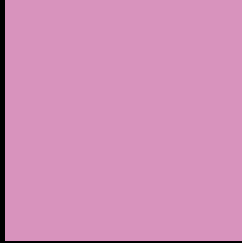
Large Text (above 18pt) WCAG AA × Fail

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 39.1405, 0.3418, 0.2791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

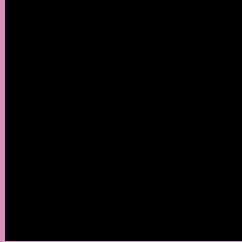
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.1405, 0.3418, 0.2791

Background



This preview shows how black text looks on a background with the Yxy color 39.1405, 0.3418, 0.2791.



This preview shows how white text looks on a background with the Yxy color 39.1405, 0.3418, 0.2791.

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

39.1405, 0.3418, 0.2791

Protanopia

39.4788, 0.2797, 0.2818

Deuteranopia

39.4432, 0.3059, 0.2996



Tritanopia

39.2470, 0.3641, 0.3156

Trichromacy



Original Color

39.1405, 0.3418, 0.2791



Protanomaly

38.9966, 0.3004, 0.2808



Deuteranomaly

39.1179, 0.3183, 0.2917



Tritanomaly

39.0874, 0.3564, 0.3023

Monochromacy



Original Color

39.1405, 0.3418, 0.2791



Achromatopsia

41.2543, 0.3127, 0.3290



Achromatomaly

40.1001, 0.3230, 0.3094

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.1405, 0.3418, 0.2791 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(216, 147, 189)` looks like.

```
.text, #text, p{  
    color:rgb(216, 147, 189)  
}
```

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(216, 147, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 147, 189) }
```

Border

The CSS property to change the border of an element to Yxy 39.1405, 0.3418, 0.2791 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(216, 147, 189) }
```

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

```
.border{ border-color:rgb(216, 147, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 147, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 147, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 147, 189); box-shadow:4px 4px 4px 4px rgb(216, 147, 189) }
```


Background

The CSS property to change the background color of an element to Yxy 39.1405, 0.3418, 0.2791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 147, 189) }
```

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

```
.background{ background-color: rgb(216,  
147, 189) }
```

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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