

Converting Colors

$Y_{xy}(38.1405, 0.33339, 0.2768)$

Have a look what the booklet for
Yxy(38.1405, 0.3339, 0.2768)
contains.

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Color

Yxy(38.1405, 0.3339, 0.2768)

Conversions

Conversions Part 1

Format	Color
Hex	D193BE
RGB	209, 147, 190
RGB Percent	82%, 58%, 75%
CMY	0.1806, 0.4234, 0.2550
CMYK	0.00, 0.30, 0.09, 0.18
HSL	318°, 40%, 70%
HSV	318°, 30%, 82%
XYZ	46.0084, 38.1405, 53.6420
YIQ	170.4400, 23.1490, 26.5170

Conversions

Conversions Part 2

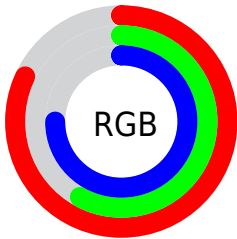
Format	Color
R_{YB}	209, 147, 190
Decimal	13734846
CIE _{Lab}	68.12, 29.98, -12.92
CIE _{LCh}	68, 32.648, 336.692
Yxy	38.1405, 0.3339, 0.2768
Android (android.graphics.Color)	4291924926 (0xFFD193BE)
YUV	170.4400, 9.6431, 33.8171
Hunter-Lab	61.7580, 24.9021, -8.2677

Details

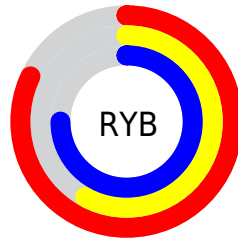
The Yxy color **38.1405, 0.3339, 0.2768** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **54.5313, 0.2966, 0.3877**, and the grayscale version is **40.3718, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.1549, 0.3215, 0.2855**, and **16.8606, 0.3397, 0.2612** is the 20% darker color. If you saturate the color by 10%, you get **31.9479, 0.3434, 0.2590**, and if you desaturate by 10%, it is **45.5290, 0.3256, 0.2949**.

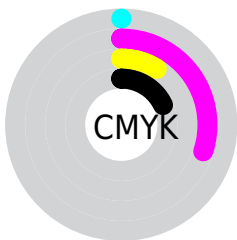
Distribution



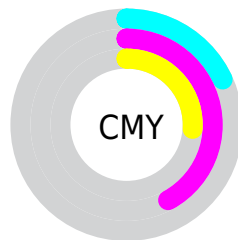
- Red (82%)
- Green (58%)
- Blue (75%)



- Red (82%)
- Yellow (58%)
- Blue (75%)



- Cyan (0%)
- Magenta (30%)
- Yellow (9%)
- Black (18%)





- Cyan (18%)
- Magenta (42%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.1405, 0.3339, 0.2768 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 38.1405, 0.3339, 0.2768 by changing the saturation by 10% instead.


 38.1405, 0.3339,
0.2768


 38.1405, 0.3339,
0.2768


338.2223, 0.3235,
0.3026

 26.0918, 0.3364,
0.2705


 72.3234, 0.3302,
0.2861

 16.8923, 0.3397,
0.2624


 95.2264, 0.3287,
0.2896

 10.1577, 0.3439,
0.2517


122.5163, 0.3275,
0.2926

 5.5037, 0.3496,
0.2371

154.5774, 0.3265,
0.2952

 2.5457, 0.3579,
0.2158

191.7941, 0.3256,
0.2974

 0.8994, 0.3707,
0.1824

234.5509, 0.3248,


 0.0000, 0.4412,


0.2994


0.0000


283.2322, 0.3241,
0.3011


 0.0000, 0.0000,
0.0000


 38.1405, 0.3339,
0.2768

 38.1405, 0.3339,
0.2768


 31.9479, 0.3434,
0.2590

 45.5290, 0.3256,
0.2949


 26.8821, 0.3541,
0.2422


 54.1675, 0.3185,
0.3126


 22.8745, 0.3659,
0.2274

 64.1131, 0.3125,
0.3296

 19.8472, 0.3786,
0.2158

 75.4177, 0.3074,
0.3456

 17.7113, 0.3917,
0.2083

 88.1304, 0.3032,
0.3605

■ 16.3617, 0.4047,
0.2057

■ 90.6890, 0.2996,
0.3571

■ 15.6139, 0.4174,
0.2075

■ 91.0518, 0.2962,
0.3502

■ 15.5897, 0.4179,
0.2076

■ 91.4279, 0.2927,
0.3434

■ 91.8174, 0.2893,
0.3366

Harmonies

Analogous

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



38.1405, 0.2849, 0.2562



38.1405, 0.3339, 0.2768



38.1405, 0.3800, 0.3092

Triad

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



38.1405, 0.3339, 0.2768



38.1405, 0.3789, 0.4114



38.1405, 0.2267, 0.2986

Complementary

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



38.1405, 0.3339, 0.2768



54.5313, 0.2966, 0.3877

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.



38.1405, 0.2479, 0.3455



38.1405, 0.3339, 0.2768



38.1405, 0.3349, 0.4159

Square

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



38.1405, 0.3339, 0.2768



38.1405, 0.4062, 0.3847



38.1405, 0.2870, 0.3911



38.1405, 0.2264, 0.2656

Rectangle

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



38.1405, 0.3339, 0.2768



38.1405, 0.4010, 0.3345



38.1405, 0.2870, 0.3911



38.1405, 0.2315, 0.3132

Sweetspot

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



38.1422, 0.3339, 0.2768



85.7769, 0.3182, 0.3135



33.5437, 0.2765, 0.2468



17.9022, 0.3192, 0.3110



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.



38.1422, 0.3339, 0.2768



53.0653, 0.3402, 0.2646



36.9429, 0.3651, 0.3136



11.9448, 0.3184, 0.3130



9.6365, 0.4162, 0.2066



0.5526, 0.3946, 0.1947

Inverse Universe

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



38.1422, 0.3339, 0.2768



53.0653, 0.3402, 0.2646



55.7894, 0.2775, 0.3452



11.9448, 0.3184, 0.3130



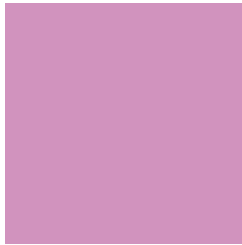
9.6365, 0.4162, 0.2066



0.5526, 0.3946, 0.1947

Previews

White Background



This preview shows how the Yxy color 38.1405, 0.3339, 0.2768 looks on a white background.

Color Contrast Check

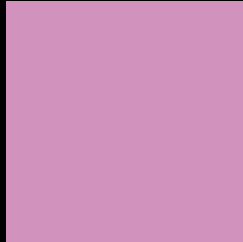
Large Text (above 18pt) WCAG AA × Fail

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 38.1405, 0.3339, 0.2768 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

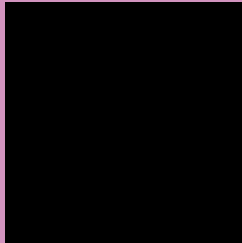
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.1405, 0.3339, 0.2768

Background



This preview shows how black text looks on a background with the Yxy color 38.1405, 0.3339, 0.2768.



This preview shows how white text looks on a background with the Yxy color 38.1405, 0.3339, 0.2768.

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

38.1405, 0.3339, 0.2768

Protanopia

38.4436, 0.2770, 0.2787

Deuteranopia

38.3128, 0.3015, 0.2952



Tritanopia

38.2586, 0.3560, 0.3140

Trichromacy



Original Color

38.1405, 0.3339, 0.2768

Protanomaly

37.8780, 0.2959, 0.2764

Deuteranomaly

38.1839, 0.3127, 0.2885

Tritanomaly

38.0952, 0.3483, 0.3003

Monochromacy



Original Color

38.1405, 0.3339, 0.2768

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.2053, 0.3202, 0.3091

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.1405, 0.3339, 0.2768 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(209, 147, 190)` looks like.

```
.text, #text, p{  
    color:rgb(209, 147, 190)  
}
```

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(209, 147, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 147, 190) }
```

Border

The CSS property to change the border of an element to Yxy 38.1405, 0.3339, 0.2768 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(209, 147, 190) }
```

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

```
.border{ border-color:rgb(209, 147, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 147, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 147, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 147, 190);  
box-shadow:4px 4px 4px 4px rgb(209, 147,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 38.1405, 0.3339, 0.2768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 147, 190) }
```

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

```
.background{ background-color: rgb(209,  
147, 190) }
```

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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