

Converting Colors

$Yxy(38.3718, 0.3397, 0.2884)$

Have a look what the booklet for
Yxy(38.3718, 0.3397, 0.2884)
contains.

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Color

Yxy(38.2822, 0.3405, 0.2884)

Conversions

Conversions Part 1

Format	Color
Hex	D095B6
RGB	208, 149, 182
RGB Percent	82%, 58%, 71%
CMY	0.1844, 0.4156, 0.2863
CMYK	0.00, 0.28, 0.12, 0.18
HSL	326°, 39%, 70%
HSV	326°, 28%, 82%
XYZ	45.1980, 38.2822, 49.2598
YIQ	170.4030, 24.5710, 22.7710

Conversions

Conversions Part 2

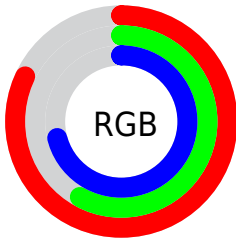
Format	Color
R _Y B	208, 149, 182
Decimal	13669814
CIE Lab	68.23, 27.22, -8.31
CIE LCh	68, 28.458, 343.013
Yxy	38.2822, 0.3405, 0.2884
Android (android.graphics.Color)	4291859894 (0xFFD095B6)
YUV	170.4030, 5.7173, 32.9726
Hunter-Lab	61.8726, 22.1172, -3.8928

Details

The Yxy color **38.2822, 0.3405, 0.2884** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **54.5868, 0.2921, 0.3736**, and the grayscale version is **40.3723, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.6188, 0.3271, 0.2951**, and **16.9067, 0.3493, 0.2763** is the 20% darker color. If you saturate the color by 10%, you get **31.9127, 0.3540, 0.2736**, and if you desaturate by 10%, it is **45.8551, 0.3291, 0.3032**.

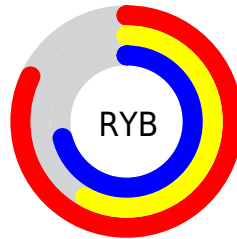
Distribution



Red (82%)

Green (58%)

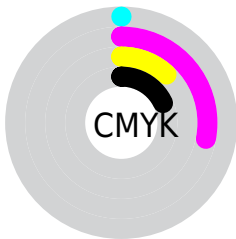
Blue (71%)



Red (82%)

Yellow (58%)

Blue (71%)

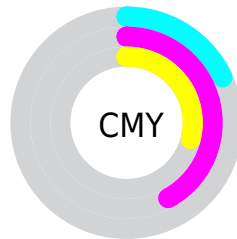


Cyan (0%)

Magenta (28%)

Yellow (12%)

Black (18%)



Cyan (18%)


Magenta (42%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.2822, 0.3405, 0.2884 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 38.2822, 0.3405, 0.2884 by changing the saturation by 10% instead.

 38.2822, 0.3405,
0.2884


 38.2822, 0.3405,
0.2884


338.8290, 0.3265,
0.3087

 26.2018, 0.3440,
0.2833


 72.5405, 0.3354,
0.2958

 16.9747, 0.3486,
0.2768


 95.4871, 0.3335,
0.2985

 10.2164, 0.3547,
0.2682


122.8246, 0.3318,
0.3009

 5.5427, 0.3634,
0.2562

154.9374, 0.3305,
0.3029

 2.5691, 0.3764,
0.2383

192.2098, 0.3293,
0.3046

 0.9111, 0.3983,
0.2092

235.0263, 0.3282,


 0.0000, 0.5652,


0.3062


0.0000


283.7712, 0.3273,
0.3075

 0.0000, 0.0000,
0.0000

 38.2822, 0.3405,
0.2884


 38.2822, 0.3405,
0.2884


 31.9127, 0.3540,
0.2736


 45.8551, 0.3291,
0.3032


 26.6783, 0.3696,
0.2596


 54.6845, 0.3195,
0.3176


 22.5120, 0.3872,
0.2473

 64.8267, 0.3115,
0.3312

 19.3374, 0.4067,
0.2378

 76.3330, 0.3049,
0.3439

 17.0679, 0.4274,
0.2323

 89.2519, 0.2994,
0.3557

■ 15.6018, 0.4485,
0.2319

■ 91.0401, 0.2944,
0.3479

■ 14.7853, 0.4689,
0.2366

■ 91.5896, 0.2895,
0.3381

■ 14.6752, 0.4724,
0.2376

■ 92.1466, 0.2849,
0.3289

Harmonies

Analogous

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



38.2822, 0.2973, 0.2675



38.2822, 0.3405, 0.2884



38.2822, 0.3779, 0.3189

Triad

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



38.2822, 0.3405, 0.2884



38.2822, 0.3637, 0.4036



38.2822, 0.2354, 0.2956

Complementary

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



38.2822, 0.3405, 0.2884



54.5868, 0.2921, 0.3736

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.



38.2822, 0.2506, 0.3346



38.2822, 0.3405, 0.2884



38.2822, 0.3236, 0.4015

Square

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



38.2822, 0.3405, 0.2884



38.2822, 0.3910, 0.3844



38.2822, 0.2823, 0.3753



38.2822, 0.2390, 0.2696

Rectangle

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



38.2822, 0.3405, 0.2884



38.2822, 0.3931, 0.3417



38.2822, 0.2823, 0.3753



38.2822, 0.2384, 0.3076

Sweetspot

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



38.2839, 0.3405, 0.2884



85.5870, 0.3202, 0.3165



35.1169, 0.2854, 0.2523



17.8554, 0.3215, 0.3144



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.



38.2839, 0.3405, 0.2884



54.3752, 0.3484, 0.2794



37.2049, 0.3703, 0.3242



11.9174, 0.3204, 0.3161



9.1684, 0.4696, 0.2361



0.5285, 0.4350, 0.2170

Inverse Universe

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



38.2839, 0.3405, 0.2884



54.3752, 0.3484, 0.2794



55.8536, 0.2742, 0.3340



11.9174, 0.3204, 0.3161



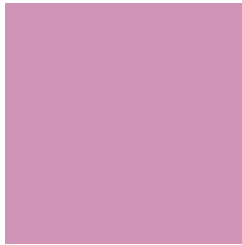
9.1684, 0.4696, 0.2361



0.5285, 0.4350, 0.2170

Previews

White Background



This preview shows how the Yxy color 38.2822, 0.3405, 0.2884 looks on a white background.

Color Contrast Check

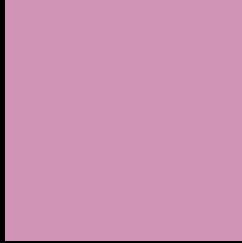
Large Text (above 18pt) WCAG AA × Fail

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 38.2822, 0.3405, 0.2884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

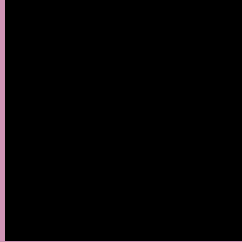
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.2822, 0.3405, 0.2884

Background



This preview shows how black text looks on a background with the Yxy color 38.2822, 0.3405, 0.2884.



This preview shows how white text looks on a background with the Yxy color 38.2822, 0.3405, 0.2884.

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

38.2822, 0.3405, 0.2884

Protanopia

38.3974, 0.2879, 0.2919

Deuteranopia

38.4831, 0.3111, 0.3047



Tritanopia

38.2586, 0.3560, 0.3140

Trichromacy



Original Color

38.2822, 0.3405, 0.2884

Protanomaly

38.0108, 0.3061, 0.2904

Deuteranomaly

38.1415, 0.3209, 0.2975

Tritanomaly

38.3389, 0.3501, 0.3041

Monochromacy



Original Color

38.2822, 0.3405, 0.2884

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.0870, 0.3229, 0.3130

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.2822, 0.3405, 0.2884 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(208, 149, 182)` looks like.

```
.text, #text, p{  
    color:rgb(208, 149, 182)  
}
```

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(208, 149, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 149, 182) }
```

Border

The CSS property to change the border of an element to Yxy 38.2822, 0.3405, 0.2884 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(208, 149, 182) }
```

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

```
.border{ border-color:rgb(208, 149, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 149, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 149, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 149, 182);  
box-shadow:4px 4px 4px 4px rgb(208, 149,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 38.2822, 0.3405, 0.2884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 149, 182) }
```

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

```
.background{ background-color: rgb(208,  
149, 182) }
```

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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