

Converting Colors

$Y_{xy}(38.7031, 0.3182, 0.2539)$

Have a look what the booklet for
Yxy(38.7031, 0.3182, 0.2539)
contains.

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Color

Yxy(38.7031, 0.3182, 0.2539)

Conversions

Conversions Part 1

Format	Color
Hex	D391D1
RGB	211, 145, 209
RGB Percent	83%, 57%, 82%
CMY	0.1724, 0.4314, 0.1804
CMYK	0.00, 0.31, 0.01, 0.17
HSL	302°, 43%, 70%
HSV	302°, 31%, 83%
XYZ	48.5046, 38.7031, 65.2267
YIQ	172.0300, 18.7920, 33.8960

Conversions

Conversions Part 2

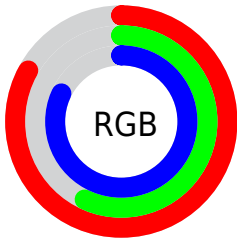
Format	Color
R _Y B	211, 145, 209
Decimal	13865425
CIE Lab	68.54, 35.18, -22.85
CIE LCh	69, 41.952, 327.003
Yxy	38.7031, 0.3182, 0.2539
Android (android.graphics.Color)	4292055505 (0xFFD391D1)
YUV	172.0300, 18.2262, 34.1767
Hunter-Lab	62.2118, 30.3003, -18.6150

Details

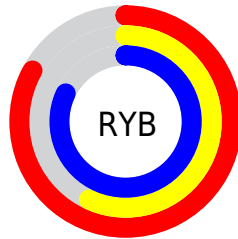
The Yxy color **38.7031, 0.3182, 0.2539** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **54.7345, 0.3071, 0.4177**, and the grayscale version is **41.1711, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.7886, 0.3152, 0.2752**, and **17.1304, 0.3185, 0.2345** is the 20% darker color. If you saturate the color by 10%, you get **32.8115, 0.3201, 0.2309**, and if you desaturate by 10%, it is **45.7961, 0.3163, 0.2780**.

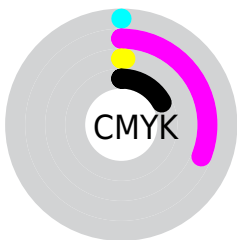
Distribution



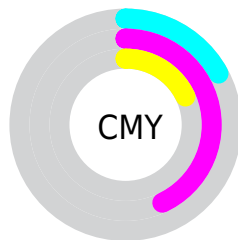
- Red (83%)
- Green (57%)
- Blue (82%)



- Red (83%)
- Yellow (57%)
- Blue (82%)



- Cyan (0%)
- Magenta (31%)
- Yellow (1%)
- Black (17%)





- Cyan (17%)
- Magenta (43%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.7031, 0.3182, 0.2539 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 38.7031, 0.3182, 0.2539 by changing the saturation by 10% instead.


 38.7031, 0.3182,
0.2539


 38.7031, 0.3182,
0.2539


340.6265, 0.3163,
0.2902

 26.5288, 0.3184,
0.2453


 73.1845, 0.3177,
0.2668

 17.2197, 0.3185,
0.2344


 96.2605, 0.3175,
0.2717

 10.3912, 0.3185,
0.2205


123.7392, 0.3172,
0.2759

 5.6591, 0.3179,
0.2019

156.0049, 0.3170,
0.2795

 2.6389, 0.3162,
0.1760

193.4421, 0.3168,
0.2827

 0.9463, 0.3113,
0.1384

236.4352, 0.3167,


 0.0000, 0.3202,


0.2855


0.0000


285.3685, 0.3165,
0.2880

 0.0000, 0.0000,
0.0000

 38.7031, 0.3182,
0.2539


 38.7031, 0.3182,
0.2539


 32.8115, 0.3201,
0.2309


 45.7961, 0.3163,
0.2780


 28.0497, 0.3220,
0.2098


 54.1468, 0.3146,
0.3022


 24.3466, 0.3237,
0.1916

 63.8139, 0.3129,
0.3260


 21.6207, 0.3254,
0.1772


 74.8511, 0.3114,
0.3487


 19.7788, 0.3268,
0.1669


 87.3090, 0.3100,
0.3701

 18.7096, 0.3280,
0.1610

 90.1747, 0.3095,
0.3739

 18.2375, 0.3289,
0.1585

 90.2081, 0.3091,
0.3732

 90.2415, 0.3087,
0.3724

 90.2752, 0.3084,
0.3717

Harmonies

Analogous

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



38.7031, 0.2595, 0.2343



38.7031, 0.3182, 0.2539



38.7031, 0.3812, 0.2893

Triad

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



38.7031, 0.3182, 0.2539



38.7031, 0.4098, 0.4234



38.7031, 0.2107, 0.3067

Complementary

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



38.7031, 0.3182, 0.2539



54.7345, 0.3071, 0.4177

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.



38.7031, 0.2441, 0.3705



38.7031, 0.3182, 0.2539



38.7031, 0.3585, 0.4431

Square

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



38.7031, 0.3182, 0.2539



38.7031, 0.4360, 0.3823



38.7031, 0.2978, 0.4249



38.7031, 0.2025, 0.2587

Rectangle

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



38.7031, 0.3182, 0.2539



38.7031, 0.4145, 0.3188



38.7031, 0.2978, 0.4249



38.7031, 0.2191, 0.3271

Sweetspot

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



38.7048, 0.3182, 0.2539



86.1755, 0.3142, 0.3075



31.0717, 0.2583, 0.2377



18.0010, 0.3145, 0.3040



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.



38.7048, 0.3182, 0.2539



52.7755, 0.3195, 0.2373



37.2728, 0.3494, 0.2899



12.0025, 0.3143, 0.3068



11.0047, 0.3288, 0.1585



0.6174, 0.3272, 0.1576

Inverse Universe

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



38.7048, 0.3182, 0.2539



52.7755, 0.3195, 0.2373



55.8860, 0.2871, 0.3720



12.0025, 0.3143, 0.3068



11.0047, 0.3288, 0.1585



0.6174, 0.3272, 0.1576

Previews

White Background



This preview shows how the Yxy color 38.7031, 0.3182, 0.2539 looks on a white background.

Color Contrast Check

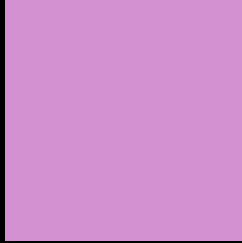
Large Text (above 18pt) WCAG AA × Fail

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 38.7031, 0.3182, 0.2539 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

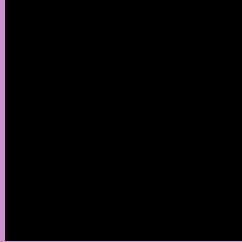
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.7031, 0.3182, 0.2539

Background



This preview shows how black text looks on a background with the Yxy color 38.7031, 0.3182, 0.2539.



This preview shows how white text looks on a background with the Yxy color 38.7031, 0.3182, 0.2539.

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

38.7031, 0.3182, 0.2539

Protanopia

38.8714, 0.2568, 0.2516

Deuteranopia

38.9580, 0.2805, 0.2745



Tritanopia

38.4782, 0.3537, 0.3139

Trichromacy



Original Color

38.7031, 0.3182, 0.2539

Protanomaly

38.4524, 0.2763, 0.2515

Deuteranomaly

38.5153, 0.2939, 0.2664

Tritanomaly

38.4143, 0.3404, 0.2907

Monochromacy



Original Color

38.7031, 0.3182, 0.2539

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

39.7825, 0.3151, 0.2989

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.7031, 0.3182, 0.2539 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(211, 145, 209)` looks like.

```
.text, #text, p{  
    color:rgb(211, 145, 209)  
}
```

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(211, 145, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 145, 209) }
```

Border

The CSS property to change the border of an element to Yxy 38.7031, 0.3182, 0.2539 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(211, 145, 209) }
```

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

```
.border{ border-color:rgb(211, 145, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 145, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 145, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 145, 209);  
box-shadow:4px 4px 4px 4px rgb(211, 145,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 38.7031, 0.3182, 0.2539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 145, 209) }
```

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

```
.background{ background-color: rgb(211,  
145, 209) }
```

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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