

Converting Colors

$Y_{xy}(38.8149, 0.3227, 0.2615)$

Have a look what the booklet for
Yxy(38.8149, 0.3227, 0.2615)
contains.

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Color

Yxy(38.8809, 0.3226, 0.2624)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | D293CB |
| RGB | 210, 147, 203 |
| RGB Percent | 82%, 58%, 80% |
| CMY | 0.1763, 0.4236, 0.2039 |
| CMYK | 0.00, 0.30, 0.03, 0.18 |
| HSL | 307°, 41%, 70% |
| HSV | 307°, 30%, 82% |
| XYZ | 47.8010, 38.8809, 61.4923 |
| YIQ | 172.2210, 19.5720, 30.7720 |

Conversions

Conversions Part 2

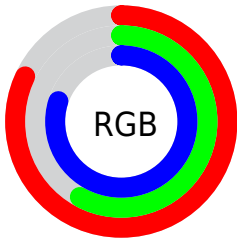
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 210, 147, 203 |
| Decimal | 13800395 |
| CIE _{Lab} | 68.66, 32.69, -19.34 |
| CIE _{LCh} | 69, 37.981, 329.384 |
| Yxy | 38.8809, 0.3226, 0.2624 |
| Android (android.graphics.Color) | 4291990475 (0xFFD293CB) |
| YUV | 172.2210, 15.1740, 33.1322 |
| Hunter-Lab | 62.3546, 27.7176, -14.8219 |

Details

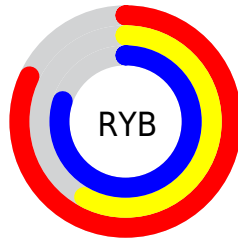
The Yxy color **38.8809, 0.3226, 0.2624** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **54.6485, 0.3042, 0.4062**, and the grayscale version is **41.2886, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.7211, 0.3151, 0.2772**, and **17.3229, 0.3248, 0.2443** is the 20% darker color. If you saturate the color by 10%, you get **32.8259, 0.3266, 0.2406**, and if you desaturate by 10%, it is **46.1335, 0.3189, 0.2849**.

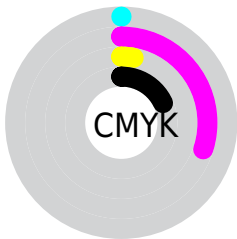
Distribution



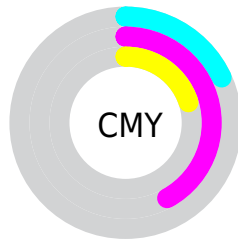
- Red (82%)
- Green (58%)
- Blue (80%)



- Red (82%)
- Yellow (58%)
- Blue (80%)



- Cyan (0%)
- Magenta (30%)
- Yellow (3%)
- Black (18%)




- Cyan (18%)
- Magenta (42%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.8809, 0.3226, 0.2624 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 38.8809, 0.3226, 0.2624 by changing the saturation by 10% instead.


 38.8809, 0.3226,
0.2624


 38.8809, 0.3226,
0.2624


341.3839, 0.3183,
0.2948

 26.6671, 0.3235,
0.2546


 73.4563, 0.3212,
0.2740

 17.3234, 0.3245,
0.2448

 96.5868, 0.3206,
0.2784

 10.4653, 0.3256,
0.2320


124.1248, 0.3201,
0.2821

 5.7085, 0.3269,
0.2149

156.4550, 0.3197,
0.2853

 2.6687, 0.3280,
0.1906

193.9615, 0.3193,
0.2882

 0.9613, 0.3280,
0.1544

237.0289, 0.3189,

 0.0000, 0.3521,

0.2906


0.0000


286.0416, 0.3186,
0.2928


 0.0000, 0.0000,
0.0000

 38.8809, 0.3226,
0.2624


 38.8809, 0.3226,
0.2624


 32.8259, 0.3266,
0.2406


 46.1335, 0.3189,
0.2849


 27.8984, 0.3308,
0.2204


 54.6387, 0.3156,
0.3072


 24.0290, 0.3352,
0.2028


 64.4541, 0.3127,
0.3290

 21.1383, 0.3395,
0.1886

 75.6324, 0.3102,
0.3496

 19.1361, 0.3438,
0.1785

 88.2233, 0.3079,
0.3690


 17.9151, 0.3477,
0.1729

 90.2405, 0.3065,
0.3694

 17.2796, 0.3514,
0.1710

 90.3632, 0.3052,
0.3668

 90.4877, 0.3039,
0.3643

 90.6140, 0.3027,
0.3617

Harmonies

Analogous

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



38.8809, 0.2683, 0.2431



38.8809, 0.3226, 0.2624



38.8809, 0.3788, 0.2961

Triad

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



38.8809, 0.3226, 0.2624



38.8809, 0.3983, 0.4176



38.8809, 0.2181, 0.3053

Complementary

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



38.8809, 0.3226, 0.2624



54.6485, 0.3042, 0.4062

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.



38.8809, 0.2474, 0.3619



38.8809, 0.3226, 0.2624



38.8809, 0.3507, 0.4318

Square

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



38.8809, 0.3226, 0.2624



38.8809, 0.4238, 0.3819



38.8809, 0.2954, 0.4118



38.8809, 0.2122, 0.2629

Rectangle

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



38.8809, 0.3226, 0.2624



38.8809, 0.4075, 0.3237



38.8809, 0.2954, 0.4118



38.8809, 0.2254, 0.3233

Sweetspot

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



38.8826, 0.3226, 0.2624



86.0577, 0.3154, 0.3093



32.3184, 0.2652, 0.2431



17.9718, 0.3158, 0.3060



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.



38.8826, 0.3226, 0.2624



54.1038, 0.3251, 0.2484



37.5568, 0.3528, 0.2979



11.9854, 0.3155, 0.3086



10.5450, 0.3509, 0.1707



0.5962, 0.3447, 0.1673

Inverse Universe

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



38.8826, 0.3226, 0.2624



54.1038, 0.3251, 0.2484



55.8100, 0.2848, 0.3626



11.9854, 0.3155, 0.3086



10.5450, 0.3509, 0.1707



0.5962, 0.3447, 0.1673

Previews

White Background



This preview shows how the Yxy color 38.8809, 0.3226, 0.2624 looks on a white background.

Color Contrast Check

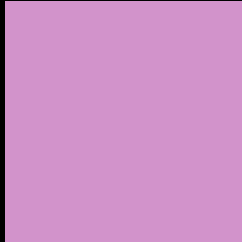
Large Text (above 18pt) WCAG AA × Fail

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 38.8809, 0.3226, 0.2624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

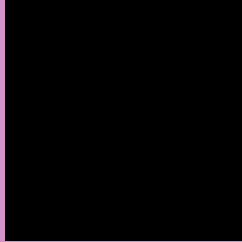
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.8809, 0.3226, 0.2624

Background



This preview shows how black text looks on a background with the Yxy color 38.8809, 0.3226, 0.2624.



This preview shows how white text looks on a background with the Yxy color 38.8809, 0.3226, 0.2624.

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

38.8809, 0.3226, 0.2624

Protanopia

39.1989, 0.2651, 0.2627

Deuteranopia

39.0459, 0.2867, 0.2810



Tritanopia

38.8435, 0.3525, 0.3139

Trichromacy



Original Color

38.8809, 0.3226, 0.2624

Protanomaly

38.6134, 0.2840, 0.2621

Deuteranomaly

38.7380, 0.2988, 0.2737

Tritanomaly

38.6533, 0.3422, 0.2943

Monochromacy



Original Color

38.8809, 0.3226, 0.2624

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.0524, 0.3167, 0.3028

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.8809, 0.3226, 0.2624 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(210, 147, 203)` looks like.

```
.text, #text, p{  
    color:rgb(210, 147, 203)  
}
```

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(210, 147, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 147, 203) }
```

Border

The CSS property to change the border of an element to Yxy 38.8809, 0.3226, 0.2624 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(210, 147, 203) }
```

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

```
.border{ border-color:rgb(210, 147, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 147, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 147, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 147, 203);  
box-shadow:4px 4px 4px 4px rgb(210, 147,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 38.8809, 0.3226, 0.2624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 147, 203) }
```

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

```
.background{ background-color: rgb(210,  
147, 203) }
```

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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