

Converting Colors

Yxy(38.5618, 0.3135, 0.2505)

Have a look what the booklet for
Yxy(38.5618, 0.3135, 0.2505)
contains.

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Color

Yxy(38.5596, 0.3136, 0.2503)

Conversions

Conversions Part 1

Format	Color
Hex	D191D4
RGB	209, 145, 212
RGB Percent	82%, 57%, 83%
CMY	0.1802, 0.4314, 0.1686
CMYK	0.01, 0.32, 0.00, 0.17
HSL	297°, 44%, 70%
HSV	297°, 32%, 83%
XYZ	48.3112, 38.5596, 67.1827
YIQ	171.7740, 16.6370, 34.4050

Conversions

Conversions Part 2

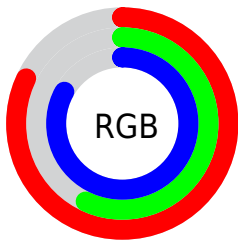
Format	Color
RYB	209, 145, 212
Decimal	13734356
CIELab	68.43, 35.10, -24.70
CIELCh	68, 42.920, 324.873
Yxy	38.5596, 0.3136, 0.2503
Android (android.graphics.Color)	4291924436 (0xFFD191D4)
YUV	171.7740, 19.8314, 32.6472
Hunter-Lab	62.0964, 30.2049, -20.6790

Details

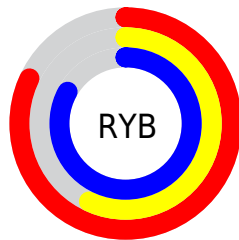
The Yxy color **38.5596, 0.3136, 0.2503** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **55.4216, 0.3104, 0.4211**, and the grayscale version is **41.0279, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.7886, 0.3152, 0.2752**, and **17.1330, 0.3134, 0.2302** is the 20% darker color. If you saturate the color by 10%, you get **32.5402, 0.3136, 0.2262**, and if you desaturate by 10%, it is **45.7920, 0.3134, 0.2754**.

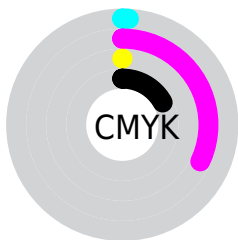
Distribution



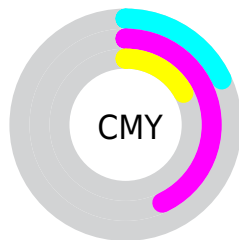
- Red (82%)
- Green (57%)
- Blue (83%)



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



- Cyan (1%)
- Magenta (32%)
- Yellow (0%)
- Black (17%)





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

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.5596, 0.3136, 0.2503 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 38.5596, 0.3136, 0.2503 by changing the saturation by 10% instead.


 38.5596, 0.3136,
0.2503


 38.5596, 0.3136,
0.2503


340.0145, 0.3141,
0.2882

 26.4173, 0.3132,
0.2413


 72.9651, 0.3140,
0.2637

 17.1361, 0.3125,
0.2301


 95.9970, 0.3141,
0.2689

 10.3316, 0.3113,
0.2156


123.4276, 0.3141,
0.2733

 5.6193, 0.3092,
0.1964

155.6413, 0.3142,
0.2771

 2.6150, 0.3052,
0.1698

193.0224, 0.3142,
0.2804

 0.9342, 0.2965,
0.1316

235.9554, 0.3142,


 0.0000, 0.2944,


0.2833

0.0000


284.8246, 0.3142,
0.2859

 0.0000, 0.0000,
0.0000

 38.5596, 0.3136,
0.2503

 38.5596, 0.3136,
0.2503


 32.5402, 0.3136,
0.2262


 45.7920, 0.3134,
0.2754


 27.6613, 0.3134,
0.2041


 54.2945, 0.3132,
0.3005


 23.8506, 0.3130,
0.1849

 64.1265, 0.3128,
0.3251

 21.0255, 0.3124,
0.1694

 75.3426, 0.3123,
0.3486

 19.0913, 0.3116,
0.1582

 87.9940, 0.3118,
0.3707

■ 17.9345, 0.3107,
0.1512

■ 90.6688, 0.3122,
0.3746

■ 17.3984, 0.3098,
0.1480

■ 90.8108, 0.3128,
0.3745

■ 90.9535, 0.3134,
0.3744

■ 91.0970, 0.3140,
0.3744

Harmonies

Analogous

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



38.5596, 0.2546, 0.2317



38.5596, 0.3136, 0.2503



38.5596, 0.3786, 0.2854

Triad

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



38.5596, 0.3136, 0.2503



38.5596, 0.4148, 0.4229



38.5596, 0.2100, 0.3103

Complementary

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



38.5596, 0.3136, 0.2503



55.4216, 0.3104, 0.4211

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.



38.5596, 0.2458, 0.3762



38.5596, 0.3136, 0.2503



38.5596, 0.3636, 0.4457

Square

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



38.5596, 0.3136, 0.2503



38.5596, 0.4395, 0.3798



38.5596, 0.3016, 0.4302



38.5596, 0.1999, 0.2596

Rectangle

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



38.5596, 0.3136, 0.2503



38.5596, 0.4140, 0.3151



38.5596, 0.3016, 0.4302



38.5596, 0.2192, 0.3315

Sweetspot

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



38.5613, 0.3136, 0.2503



86.0296, 0.3131, 0.3068



32.0580, 0.2573, 0.2412



17.9647, 0.3131, 0.3031



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.



38.5613, 0.3136, 0.2503



52.1649, 0.3136, 0.2338



37.6148, 0.3453, 0.2842



12.6034, 0.3131, 0.3060



10.7530, 0.3100, 0.1481



0.6574, 0.3120, 0.1492

Inverse Universe

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



36.3803, 0.3813, 0.3255



48.3701, 0.4031, 0.3248



56.2059, 0.2896, 0.3788



12.4296, 0.3284, 0.3280



8.6576, 0.6350, 0.3272



0.5254, 0.6193, 0.3185

Previews

White Background



This preview shows how the Yxy color 38.5596, 0.3136, 0.2503 looks on a white background.

Color Contrast Check

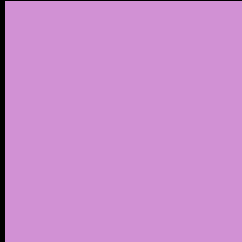
Large Text (above 18pt) WCAG AA × Fail

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 38.5596, 0.3136, 0.2503 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

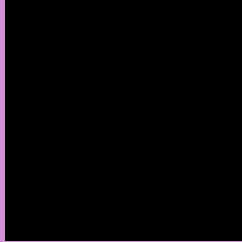
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.5596, 0.3136, 0.2503

Background



This preview shows how black text looks on a background with the Yxy color 38.5596, 0.3136, 0.2503.



This preview shows how white text looks on a background with the Yxy color 38.5596, 0.3136, 0.2503.

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

38.5596, 0.3136, 0.2503

Protanopia

38.8459, 0.2535, 0.2480

Deuteranopia

38.7864, 0.2758, 0.2704



Tritanopia

38.5609, 0.3505, 0.3138

Trichromacy



Original Color

38.5596, 0.3136, 0.2503



Protanomaly

38.3856, 0.2725, 0.2478



Deuteranomaly

38.3011, 0.2888, 0.2624



Tritanomaly

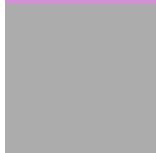
38.5313, 0.3363, 0.2893

Monochromacy



Original Color

38.5596, 0.3136, 0.2503



Achromatopsia

41.2543, 0.3127, 0.3290



Achromatomaly

39.7428, 0.3124, 0.2963

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.5596, 0.3136, 0.2503 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, 145, 212)` looks like.

```
.text, #text, p{  
    color:rgb(209, 145, 212)  
}
```

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, 145, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 145, 212) }
```

Border

The CSS property to change the border of an element to Yxy 38.5596, 0.3136, 0.2503 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, 145, 212) }
```

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

```
.border{ border-color:rgb(209, 145, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 145, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 145, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 145, 212);  
box-shadow:4px 4px 4px 4px rgb(209, 145,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 38.5596, 0.3136, 0.2503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 145, 212) }
```

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

```
.background{ background-color: rgb(209,  
145, 212) }
```

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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