

Converting Colors

$Y_{xy}(10.4479, 0.4033, 0.1995)$

Have a look what the booklet for
Yxy(10.4479, 0.4033, 0.1995)
contains.

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Color

Yxy(10.3906, 0.4036, 0.1997)

Conversions

Conversions Part 1

Format	Color
Hex	AD007E
RGB	173, 0, 126
RGB Percent	68%, 0%, 49%
CMY	0.3216, 0.9999, 0.5058
CMYK	0.00, 1.00, 0.27, 0.32
HSL	316°, 100%, 34%
HSV	316°, 100%, 68%
XYZ	20.9997, 10.3906, 20.6407
YIQ	66.0910, 62.6620, 75.8620

Conversions

Conversions Part 2

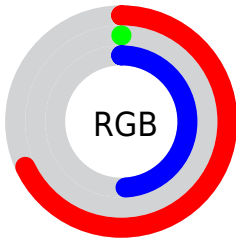
Format	Color
RYB	173, 0, 126
Decimal	11337854
CIELab	38.53, 67.21, -20.87
CIELCh	39, 70.372, 342.752
Yxy	10.3906, 0.4036, 0.1997
Android (android.graphics.Color)	4289527934 (0xFFAD007E)
YUV	66.0910, 29.5351, 93.7592
Hunter-Lab	32.2345, 59.8768, -15.4011

Details

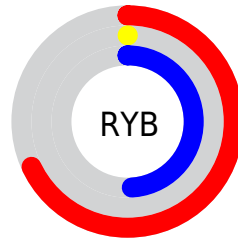
The Yxy color **10.3906, 0.4036, 0.1997** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **30.0921, 0.2904, 0.5653**, and the grayscale version is **5.4110, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.4451, 0.3821, 0.2274**, and **4.1807, 0.4210, 0.2093** is the 20% darker color. If you saturate the color by 10%, you get **10.3906, 0.4036, 0.1997**, and if you desaturate by 10%, it is **10.9258, 0.3927, 0.1994**.

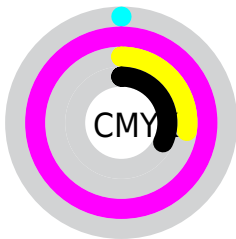
Distribution



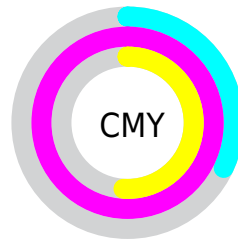
- Red (68%)
- Green (0%)
- Blue (49%)



- Red (68%)
- Yellow (0%)
- Blue (49%)



- Cyan (0%)
- Magenta (100%)
- Yellow (27%)
- Black (32%)




- Cyan (32%)
- Magenta (100%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.3906, 0.4036, 0.1997 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 10.3906, 0.4036, 0.1997 by changing the saturation by 10% instead.


 10.3906, 0.4036,
0.1997


 10.3906, 0.4036,
0.1997


193.4376, 0.3514,
0.2719


 5.6587, 0.4193,
0.1793


 26.5276, 0.3828,
0.2278


 2.6387, 0.4412,
0.1518


 38.7016, 0.3755,
0.2378

 0.9461, 0.4734,
0.1138

 54.1249, 0.3696,
0.2460

 0.0000, 0.5581,
0.0000

 73.1822, 0.3647,
0.2529

 0.0000, 0.8498,
0.0000

 96.2577, 0.3606,
0.2587

 0.0000, 0.0000,
0.0000

 123.7358, 0.3571,

0.2637

156.0010, 0.3540,
0.2681

■ 10.3906, 0.4036,
0.1997

■ 10.9258, 0.3927,
0.1994

■ 11.8248, 0.3817,
0.2031

■ 13.2296, 0.3705,
0.2113

■ 15.2059, 0.3597,
0.2235

■ 17.8092, 0.3495,
0.2388

■ 21.0886, 0.3402,
0.2561

■ 25.0880, 0.3318,
0.2744

■ 29.8479, 0.3245,
0.2931

■ 35.4057, 0.3181,
0.3114

Harmonies

Analogous

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



10.3906, 0.2469, 0.1491



10.3906, 0.4036, 0.1997



10.3906, 0.5565, 0.2715

Triad

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



10.3906, 0.4036, 0.1997



10.3906, 0.4364, 0.5636



10.3906, 0.0870, 0.1928

Complementary

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



10.3906, 0.4036, 0.1997



30.0921, 0.2904, 0.5653

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.



10.3906, 0.1102, 0.3268



10.3906, 0.4036, 0.1997



10.3906, 0.3042, 0.6328

Square

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



10.3906, 0.4036, 0.1997



10.3906, 0.5509, 0.4491



10.3906, 0.1862, 0.5379



10.3906, 0.0998, 0.1387

Rectangle

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



10.3906, 0.4036, 0.1997



10.3906, 0.6026, 0.3232



10.3906, 0.1862, 0.5379



10.3906, 0.0901, 0.2264

Sweetspot

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



10.3912, 0.4036, 0.1997



44.5140, 0.3322, 0.2734



3.6018, 0.1667, 0.0692



9.0119, 0.3355, 0.2659



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



10.3912, 0.4036, 0.1997



18.5715, 0.4053, 0.2007



9.0404, 0.5970, 0.3062



8.1104, 0.3177, 0.3126



7.6435, 0.4025, 0.1991



0.2212, 0.3729, 0.1828

Inverse Universe

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



10.3912, 0.4036, 0.1997



18.5715, 0.4053, 0.2007



31.5702, 0.2460, 0.4054



8.1104, 0.3177, 0.3126



7.6435, 0.4025, 0.1991



0.2212, 0.3729, 0.1828

Previews

White Background



This preview shows how the Yxy color 10.3906, 0.4036, 0.1997 looks on a white 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 × Fail

Black Background



This preview shows how the Yxy color 10.3906, 0.4036, 0.1997 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

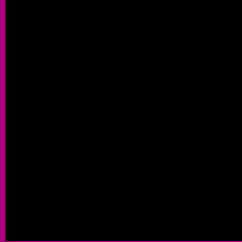
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.3906, 0.4036, 0.1997

Background



This preview shows how black text looks on a background with the Yxy color 10.3906, 0.4036, 0.1997.



This preview shows how white text looks on a background with the Yxy color 10.3906, 0.4036, 0.1997.

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

10.3906, 0.4036, 0.1997

Protanopia

11.2504, 0.1886, 0.1648

Deuteranopia

11.1360, 0.2750, 0.2707



Tritanopia

10.8540, 0.5400, 0.3273

Trichromacy



Original Color

10.3906, 0.4036, 0.1997

Protanomaly

7.7378, 0.2239, 0.1435

Deuteranomaly

8.5015, 0.3165, 0.2109

Tritanomaly

10.1436, 0.4998, 0.2739

Monochromacy



Original Color

10.3906, 0.4036, 0.1997

Achromatopsia

5.4480, 0.3127, 0.3290

Achromatomaly

5.3638, 0.3565, 0.2272

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.3906, 0.4036, 0.1997 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(173, 0, 126)` looks like.

```
.text, #text, p{  
  color:rgb(173, 0, 126)  
}
```

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(173, 0, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 0, 126) }
```

Border

The CSS property to change the border of an element to Yxy 10.3906, 0.4036, 0.1997 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(173, 0, 126) }
```

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

```
.border{ border-color:rgb(173, 0, 126) }
```

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

Here you see how a box with a 4 pixel rgb(173, 0, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 0, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 0, 126);  
box-shadow:4px 4px 4px 4px rgb(173, 0,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 10.3906, 0.4036, 0.1997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 0, 126) }
```

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

```
.background{ background-color: rgb(173, 0,  
126) }
```

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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