

Converting Colors

$Y_{xy}(39.6001, 0.3177, 0.2652)$

Have a look what the booklet for
Yxy(39.6001, 0.3177, 0.2652)
contains.

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Color

Yxy(39.6147, 0.3176, 0.2653)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | CE97CC |
| RGB | 206, 151, 204 |
| RGB Percent | 81%, 59%, 80% |
| CMY | 0.1921, 0.4079, 0.1999 |
| CMYK | 0.00, 0.27, 0.01, 0.19 |
| HSL | 302°, 36%, 70% |
| HSV | 302°, 27%, 81% |
| XYZ | 47.4242, 39.6147, 62.2815 |
| YIQ | 173.4870, 15.7670, 28.1430 |

Conversions

Conversions Part 2

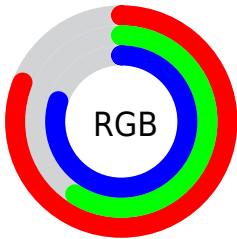
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 206, 151, 204 |
| Decimal | 13539276 |
| CIE Lab | 69.19, 29.36, -19.13 |
| CIE LCh | 69, 35.042, 326.904 |
| Yxy | 39.6147, 0.3176, 0.2653 |
| Android (android.graphics.Color) | 4291729356 (0xFFCE97CC) |
| YUV | 173.4870, 15.0429, 28.5139 |
| Hunter-Lab | 62.9402, 24.3507, -14.6114 |

Details

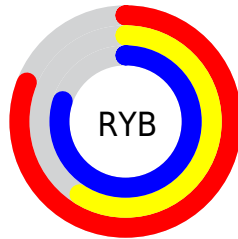
The Yxy color **39.6147, 0.3176, 0.2653** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **53.0305, 0.3078, 0.4022**, and the grayscale version is **41.9680, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.6226, 0.3150, 0.2811**, and **17.7050, 0.3179, 0.2476** is the 20% darker color. If you saturate the color by 10%, you get **33.5189, 0.3196, 0.2418**, and if you desaturate by 10%, it is **46.8728, 0.3157, 0.2894**.

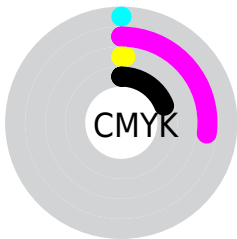
Distribution



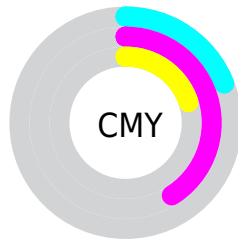
- Red (81%)
- Green (59%)
- Blue (80%)



- Red (81%)
- Yellow (59%)
- Blue (80%)



- Cyan (0%)
- Magenta (27%)
- Yellow (1%)
- Black (19%)




- Cyan (19%)
- Magenta (41%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.6147, 0.3176, 0.2653 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 39.6147, 0.3176, 0.2653 by changing the saturation by 10% instead.


 39.6147, 0.3176,
0.2653


 39.6147, 0.3176,
0.2653

344.4969, 0.3158,
0.2963

 27.2383, 0.3179,
0.2578


 74.5764, 0.3171,
0.2764

 17.7522, 0.3181,
0.2484

 97.9305, 0.3168,
0.2806

 10.7723, 0.3183,
0.2362


125.7126, 0.3166,
0.2842

 5.9139, 0.3181,
0.2197

158.3071, 0.3164,
0.2873

 2.7928, 0.3172,
0.1963

196.0984, 0.3162,
0.2900

 1.0245, 0.3141,
0.1612

239.4708, 0.3161,


 0.0000, 0.3326,


0.2923


0.0000

288.8089, 0.3159,
0.2944


 0.0000, 0.0000,
0.0000

 39.6147, 0.3176,
0.2653


 39.6147, 0.3176,
0.2653


 33.5189, 0.3196,
0.2418

 46.8728, 0.3157,
0.2894


 28.5200, 0.3216,
0.2198


 55.3439, 0.3139,
0.3133


 24.5538, 0.3236,
0.2003

 65.0820, 0.3122,
0.3365

 21.5477, 0.3255,
0.1841

 76.1364, 0.3107,
0.3585

 19.4195, 0.3272,
0.1719

 88.5537, 0.3093,
0.3790

■ 18.0733, 0.3287,
0.1640

■ 89.2242, 0.3088,
0.3792

■ 17.3840, 0.3299,
0.1601

■ 89.2613, 0.3084,
0.3784

■ 17.2253, 0.3303,
0.1593

■ 89.2987, 0.3080,
0.3775

■ 89.3362, 0.3076,
0.3767

Harmonies

Analogous

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



39.6147, 0.2683, 0.2487



39.6147, 0.3176, 0.2653



39.6147, 0.3695, 0.2958

Triad

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



39.6147, 0.3176, 0.2653



39.6147, 0.3945, 0.4087



39.6147, 0.2268, 0.3116

Complementary

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



39.6147, 0.3176, 0.2653



53.0305, 0.3078, 0.4022

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.



39.6147, 0.2558, 0.3635



39.6147, 0.3176, 0.2653



39.6147, 0.3522, 0.4230

Square

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



39.6147, 0.3176, 0.2653



39.6147, 0.4154, 0.3753



39.6147, 0.3013, 0.4071



39.6147, 0.2194, 0.2710

Rectangle

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



39.6147, 0.3176, 0.2653



39.6147, 0.3968, 0.3212



39.6147, 0.3013, 0.4071



39.6147, 0.2342, 0.3284

Sweetspot

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



39.6164, 0.3176, 0.2653



87.6201, 0.3141, 0.3100



33.3445, 0.2683, 0.2533



18.2883, 0.3144, 0.3064



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.



39.6164, 0.3176, 0.2653



58.3307, 0.3187, 0.2518



38.4175, 0.3435, 0.2970



11.3964, 0.3143, 0.3070



10.6079, 0.3302, 0.1592



0.5495, 0.3282, 0.1582

Inverse Universe

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



39.6164, 0.3176, 0.2653



58.3307, 0.3187, 0.2518



54.0398, 0.2900, 0.3635



11.3964, 0.3143, 0.3070



10.6079, 0.3302, 0.1592



0.5495, 0.3282, 0.1582

Previews

White Background



This preview shows how the Yxy color 39.6147, 0.3176, 0.2653 looks on a white background.

Color Contrast Check

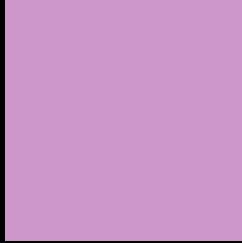
Large Text (above 18pt) WCAG AA × Fail

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 39.6147, 0.3176, 0.2653 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

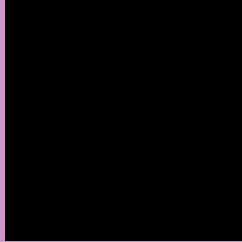
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.6147, 0.3176, 0.2653

Background



This preview shows how black text looks on a background with the Yxy color 39.6147, 0.3176, 0.2653.



This preview shows how white text looks on a background with the Yxy color 39.6147, 0.3176, 0.2653.

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

39.6147, 0.3176, 0.2653

Protanopia

39.7118, 0.2674, 0.2655

Deuteranopia

39.6734, 0.2877, 0.2813



Tritanopia

39.4337, 0.3439, 0.3125

Trichromacy



Original Color

39.6147, 0.3176, 0.2653

Protanomaly

39.3068, 0.2841, 0.2647

Deuteranomaly

39.4732, 0.2980, 0.2751

Tritanomaly

39.5166, 0.3347, 0.2953

Monochromacy



Original Color

39.6147, 0.3176, 0.2653

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

40.6852, 0.3148, 0.3041

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.6147, 0.3176, 0.2653 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(206, 151, 204)` looks like.

```
.text, #text, p{  
    color:rgb(206, 151, 204)  
}
```

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(206, 151, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 151, 204) }
```

Border

The CSS property to change the border of an element to Yxy 39.6147, 0.3176, 0.2653 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(206, 151, 204) }
```

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

```
.border{ border-color:rgb(206, 151, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 151, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 151, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 151, 204);  
box-shadow:4px 4px 4px 4px rgb(206, 151,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 39.6147, 0.3176, 0.2653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 151, 204) }
```

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

```
.background{ background-color: rgb(206,  
151, 204) }
```

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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