

Converting Colors

$Yxy(39.3176, 0.3656, 0.3097)$

Have a look what the booklet for
Yxy(39.3176, 0.3656, 0.3097)
contains.

| | |
|--|----|
| Yxy(39.3176, 0.3656, 0.3097) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 27 |
| <i>CSS Examples</i> | 30 |

Color

Yxy(39.3176, 0.3656, 0.3097)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | D996A6 |
| RGB | 217, 150, 166 |
| RGB Percent | 85%, 59%, 65% |
| CMY | 0.1489, 0.4118, 0.3490 |
| CMYK | 0.00, 0.31, 0.24, 0.15 |
| HSL | 346°, 47%, 72% |
| HSV | 346°, 31%, 85% |
| XYZ | 46.4143, 39.3176, 41.2219 |
| YIQ | 171.8570, 34.7960, 19.1800 |

Conversions

Conversions Part 2

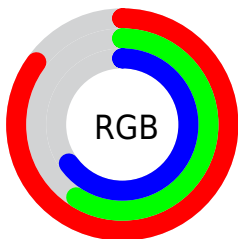
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 217, 150, 166 |
| Decimal | 14259878 |
| CIE Lab | 68.98, 27.44, 1.83 |
| CIE LCh | 69, 27.504, 3.825 |
| Yxy | 39.3176, 0.3656, 0.3097 |
| Android (android.graphics.Color) | 4292449958 (0xFFD996A6) |
| YUV | 171.8570, -2.8875, 39.5904 |
| Hunter-Lab | 62.7037, 22.3970, 4.9149 |

Details

The Yxy color **39.3176, 0.3656, 0.3097** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **60.3483, 0.2776, 0.3495**, and the grayscale version is **41.1821, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.1431, 0.3395, 0.3129**, and **17.5273, 0.3826, 0.3034** is the 20% darker color. If you saturate the color by 10%, you get **32.4554, 0.3911, 0.3033**, and if you desaturate by 10%, it is **47.5441, 0.3447, 0.3162**.

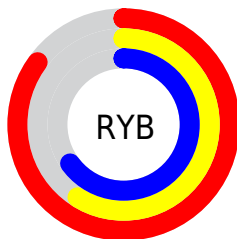
Distribution



Red (85%)

Green (59%)

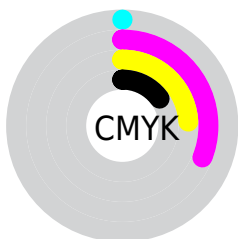
Blue (65%)



Red (85%)

Yellow (59%)

Blue (65%)

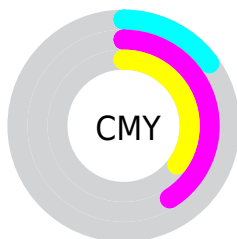


Cyan (0%)

Magenta (31%)

Yellow (24%)

Black (15%)



Cyan (15%)


Magenta (41%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.3176, 0.3656, 0.3097 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 39.3176, 0.3656, 0.3097 by changing the saturation by 10% instead.


 39.3176, 0.3656,
0.3097


 39.3176, 0.3656,
0.3097

343.2389, 0.3383,
0.3198

 27.0069, 0.3727,
0.3070


 74.1233, 0.3555,
0.3135

 17.5784, 0.3819,
0.3036


 97.3870, 0.3518,
0.3148

 10.6477, 0.3945,
0.2988


125.0705, 0.3486,
0.3160

 5.8305, 0.4125,
0.2918

157.5582, 0.3460,
0.3170

 2.7423, 0.4406,
0.2807

195.2345, 0.3437,
0.3178

 0.9987, 0.4899,
0.2609

238.4838, 0.3417,

 0.0000, 1.0000,

0.3186

0.0000

287.6905, 0.3399,
0.3192

0.0000, 0.0000,
0.0000

39.3176, 0.3656,
0.3097

39.3176, 0.3656,
0.3097

32.4554, 0.3911,
0.3033

47.5441, 0.3447,
0.3162

26.8781, 0.4216,
0.2976

57.1978, 0.3276,
0.3225

22.5066, 0.4569,
0.2934

68.3440, 0.3138,
0.3285

19.2507, 0.4957,
0.2917

81.0426, 0.3026,
0.3340

17.0073, 0.5353,
0.2935

93.0928, 0.2934,
0.3355

■ 15.6541, 0.5716,
0.2994

■ 93.4983, 0.2900,
0.3289

■ 15.0049, 0.5988,
0.3072

Harmonies

Analogous

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



39.3176, 0.3267, 0.2826



39.3176, 0.3656, 0.3097



39.3176, 0.3901, 0.3423

Triad

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



39.3176, 0.3656, 0.3097



39.3176, 0.3357, 0.4015



39.3176, 0.2389, 0.2781

Complementary

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



39.3176, 0.3656, 0.3097



60.3483, 0.2776, 0.3495

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.



39.3176, 0.2410, 0.3076



39.3176, 0.3656, 0.3097



39.3176, 0.2953, 0.3830

Square

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



39.3176, 0.3656, 0.3097



39.3176, 0.3714, 0.3967



39.3176, 0.2610, 0.3469



39.3176, 0.2548, 0.2640

Rectangle

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



39.3176, 0.3656, 0.3097



39.3176, 0.3940, 0.3640



39.3176, 0.2610, 0.3469



39.3176, 0.2376, 0.2864

Sweetspot

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



39.3194, 0.3656, 0.3097



85.1470, 0.3249, 0.3237



39.1374, 0.3011, 0.2490



17.7473, 0.3271, 0.3228



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.



39.3194, 0.3656, 0.3097



50.0545, 0.3815, 0.3055



44.5054, 0.3762, 0.3495



13.1023, 0.3254, 0.3234



9.0930, 0.5953, 0.3053



0.6026, 0.5488, 0.2797

Inverse Universe

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



39.3194, 0.3656, 0.3097



50.0545, 0.3815, 0.3055



52.9321, 0.2661, 0.3073



13.1023, 0.3254, 0.3234



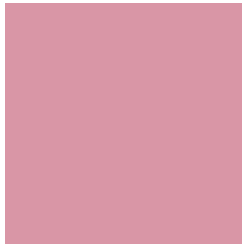
9.0930, 0.5953, 0.3053



0.6026, 0.5488, 0.2797

Previews

White Background



This preview shows how the Yxy color 39.3176, 0.3656, 0.3097 looks on a white background.

Color Contrast Check

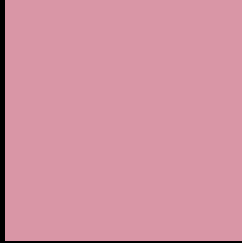
Large Text (above 18pt) WCAG AA × Fail

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 39.3176, 0.3656, 0.3097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

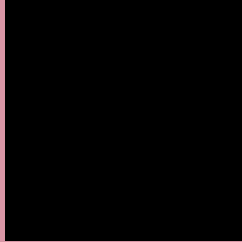
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.3176, 0.3656, 0.3097

Background



This preview shows how black text looks on a background with the Yxy color 39.3176, 0.3656, 0.3097.



This preview shows how white text looks on a background with the Yxy color 39.3176, 0.3656, 0.3097.

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

39.3176, 0.3656, 0.3097

Protanopia

39.5749, 0.3069, 0.3179

Deuteranopia

39.4395, 0.3348, 0.3277



Tritanopia

39.4936, 0.3694, 0.3158

Trichromacy



Original Color

39.3176, 0.3656, 0.3097

Protanomaly

38.9074, 0.3268, 0.3144

Deuteranomaly

39.1761, 0.3456, 0.3200

Tritanomaly

39.5293, 0.3684, 0.3146

Monochromacy



Original Color

39.3176, 0.3656, 0.3097

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.1446, 0.3301, 0.3211

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.3176, 0.3656, 0.3097 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(217, 150, 166)` looks like.

```
.text, #text, p{  
    color:rgb(217, 150, 166)  
}
```

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(217, 150, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 150, 166) }
```

Border

The CSS property to change the border of an element to Yxy 39.3176, 0.3656, 0.3097 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(217, 150, 166) }
```

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

```
.border{ border-color:rgb(217, 150, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 150, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 150, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 150, 166);  
box-shadow:4px 4px 4px 4px rgb(217, 150,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 39.3176, 0.3656, 0.3097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 150, 166) }
```

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

```
.background{ background-color: rgb(217,  
150, 166) }
```

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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