

Converting Colors

$Yxy(39.9160, 0.3093, 0.2779)$

Have a look what the booklet for
Yxy(39.9160, 0.3093, 0.2779)
contains.

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Color

Yxy(39.9147, 0.3096, 0.2775)

Conversions

Conversions Part 1

Format	Color
Hex	C19EC7
RGB	193, 158, 199
RGB Percent	76%, 62%, 78%
CMY	0.2431, 0.3804, 0.2196
CMYK	0.03, 0.21, 0.00, 0.22
HSL	291°, 27%, 70%
HSV	291°, 21%, 78%
XYZ	44.5319, 39.9147, 59.3902
YIQ	173.1390, 7.6990, 20.1710

Conversions

Conversions Part 2

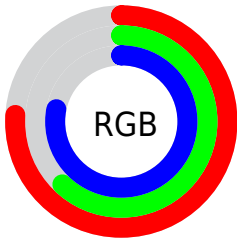
Format	Color
R _Y B	193, 158, 199
Decimal	12689095
CIE Lab	69.41, 20.20, -16.15
CIE LCh	69, 25.866, 321.350
Yxy	39.9147, 0.3096, 0.2775
Android (android.graphics.Color)	4290879175 (0xFFC19EC7)
YUV	173.1390, 12.7495, 17.4181
Hunter-Lab	63.1781, 15.2563, -11.5106

Details

The Yxy color $39.9147, 0.3096, 0.2775$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $51.2059, 0.3147, 0.3846$, and the grayscale version is $41.7963, 0.3127, 0.3290$.

A 20% lighter version of the original color is $75.1325, 0.3111, 0.2876$, and $17.8414, 0.3081, 0.2628$ is the 20% darker color. If you saturate the color by 10%, you get $33.2908, 0.3075, 0.2517$, and if you desaturate by 10%, it is $47.6488, 0.3113, 0.3030$.

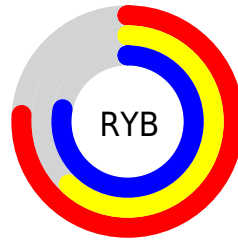
Distribution



Red (76%)

Green (62%)

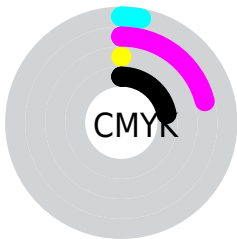
Blue (78%)



Red (76%)

Yellow (62%)

Blue (78%)

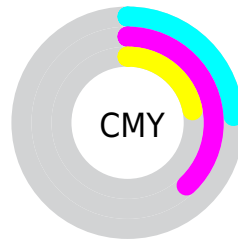


Cyan (3%)

Magenta (21%)

Yellow (0%)

Black (22%)



Cyan (24%)


Magenta (38%)


Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.9147, 0.3096, 0.2775 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 39.9147, 0.3096, 0.2775 by changing the saturation by 10% instead.


 39.9147, 0.3096,
0.2775


 39.9147, 0.3096,
0.2775


345.7639, 0.3116,
0.3029

 27.4720, 0.3090,
0.2713


 75.0336, 0.3104,
0.2866

 17.9281, 0.3081,
0.2634


 98.4786, 0.3107,
0.2901

 10.8983, 0.3068,
0.2530


126.3599, 0.3109,
0.2930

 5.9985, 0.3047,
0.2388

159.0619, 0.3111,
0.2956

 2.8442, 0.3012,
0.2182

196.9688, 0.3113,
0.2977

 1.0509, 0.2940,
0.1862

240.4652, 0.3114,

 0.0000, 0.2888,

0.2997

0.0000

289.9355, 0.3115,
0.3014

0.0000, 0.0000,
0.0000

39.9147, 0.3096,
0.2775

39.9147, 0.3096,
0.2775

33.2908, 0.3075,
0.2517

47.6488, 0.3113,
0.3030

27.7190, 0.3050,
0.2263

56.5371, 0.3126,
0.3276

23.1439, 0.3021,
0.2024

66.6279, 0.3137,
0.3507

19.5027, 0.2988,
0.1809

77.9647, 0.3144,
0.3723

16.7256, 0.2952,
0.1628

88.9856, 0.3151,
0.3897

■ 14.7330, 0.2915,
0.1489

■ 89.4089, 0.3169,
0.3894

■ 13.4301, 0.2877,
0.1395

■ 89.8399, 0.3187,
0.3890

■ 12.6677, 0.2841,
0.1339

■ 90.2786, 0.3206,
0.3887

■ 90.7252, 0.3224,
0.3883

Harmonies

Analogous

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



39.9147, 0.2741, 0.2673



39.9147, 0.3096, 0.2775



39.9147, 0.3481, 0.2994

Triad

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



39.9147, 0.3096, 0.2775



39.9147, 0.3780, 0.3853



39.9147, 0.2513, 0.3239

Complementary

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



39.9147, 0.3096, 0.2775



51.2059, 0.3147, 0.3846

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.



39.9147, 0.2764, 0.3609



39.9147, 0.3096, 0.2775



39.9147, 0.3494, 0.3974

Square

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



39.9147, 0.3096, 0.2775



39.9147, 0.3888, 0.3596



39.9147, 0.3121, 0.3890



39.9147, 0.2421, 0.2914

Rectangle

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



39.9147, 0.3096, 0.2775



39.9147, 0.3696, 0.3184



39.9147, 0.3121, 0.3890



39.9147, 0.2581, 0.3364

Sweetspot

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



39.9164, 0.3096, 0.2775



90.2030, 0.3120, 0.3142



37.9960, 0.2792, 0.2813



19.0888, 0.3119, 0.3126



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.



39.9164, 0.3096, 0.2775



64.1301, 0.3086, 0.2652



40.0828, 0.3280, 0.2954



10.7352, 0.3115, 0.3061



8.1751, 0.2847, 0.1342



0.4091, 0.2927, 0.1386

Inverse Universe

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



39.2743, 0.3476, 0.3214



62.8265, 0.3581, 0.3195



51.1081, 0.3001, 0.3651



10.6617, 0.3267, 0.3257



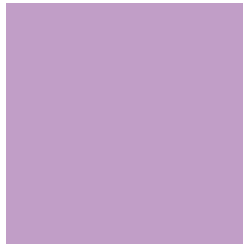
7.8728, 0.6186, 0.3181



0.3811, 0.5690, 0.2908

Previews

White Background



This preview shows how the Yxy color 39.9147, 0.3096, 0.2775 looks on a white background.

Color Contrast Check

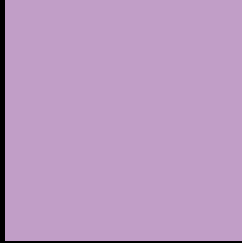
Large Text (above 18pt) WCAG AA × Fail

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 39.9147, 0.3096, 0.2775 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

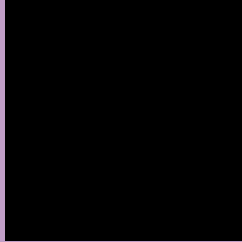
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.9147, 0.3096, 0.2775

Background



This preview shows how black text looks on a background with the Yxy color 39.9147, 0.3096, 0.2775.



This preview shows how white text looks on a background with the Yxy color 39.9147, 0.3096, 0.2775.

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

39.9147, 0.3096, 0.2775

Protanopia

40.0386, 0.2769, 0.2782

Deuteranopia

40.2339, 0.2926, 0.2867



Tritanopia

39.8830, 0.3277, 0.3120

Trichromacy



Original Color

39.9147, 0.3096, 0.2775

Protanomaly

39.7470, 0.2887, 0.2779

Deuteranomaly

39.9749, 0.2987, 0.2835

Tritanomaly

40.0268, 0.3207, 0.2993

Monochromacy



Original Color

39.9147, 0.3096, 0.2775

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.0860, 0.3118, 0.3104

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.9147, 0.3096, 0.2775 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(193, 158, 199)` looks like.

```
.text, #text, p{  
    color:rgb(193, 158, 199)  
}
```

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(193, 158, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 158, 199) }
```

Border

The CSS property to change the border of an element to Yxy 39.9147, 0.3096, 0.2775 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(193, 158, 199) }
```

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

```
.border{ border-color:rgb(193, 158, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 158, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 158, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 158, 199);  
box-shadow:4px 4px 4px 4px rgb(193, 158,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 39.9147, 0.3096, 0.2775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 158, 199) }
```

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

```
.background{ background-color: rgb(193,  
158, 199) }
```

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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