

Converting Colors

$Yxy(39.5696, 0.3094, 0.2764)$

Have a look what the booklet for
Yxy(39.5696, 0.3094, 0.2764)
contains.

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Color

Yxy(39.5749, 0.3096, 0.2762)

Conversions

Conversions Part 1

Format	Color
Hex	C19DC7
RGB	193, 157, 199
RGB Percent	76%, 62%, 78%
CMY	0.2431, 0.3843, 0.2195
CMYK	0.03, 0.21, 0.00, 0.22
HSL	291°, 27%, 70%
HSV	291°, 21%, 78%
XYZ	44.3606, 39.5749, 59.3480
YIQ	172.5520, 7.9740, 20.6940

Conversions

Conversions Part 2

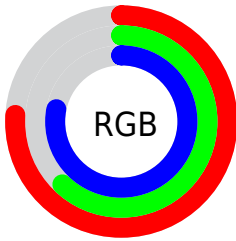
Format	Color
R_{YB}	193, 157, 199
Decimal	12688839
CIE _{Lab}	69.17, 20.75, -16.54
CIE _{LCh}	69, 26.532, 321.449
Yxy	39.5749, 0.3096, 0.2762
Android (android.graphics.Color)	4290878919 (0xFFC19DC7)
YUV	172.5520, 13.0389, 17.9329
Hunter-Lab	62.9086, 15.7809, -11.8982

Details

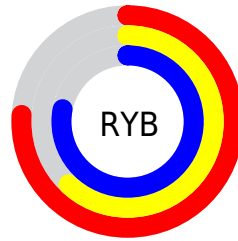
The Yxy color **39.5749, 0.3096, 0.2762** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **51.0815, 0.3147, 0.3862**, and the grayscale version is **41.4802, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.6310, 0.3111, 0.2866**, and **17.6365, 0.3081, 0.2611** is the 20% darker color. If you saturate the color by 10%, you get **33.0105, 0.3075, 0.2504**, and if you desaturate by 10%, it is **47.2469, 0.3113, 0.3017**.

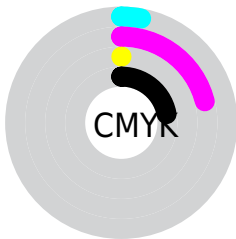
Distribution



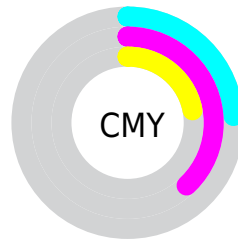
- Red (76%)
- Green (62%)
- Blue (78%)



- 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 39.5749, 0.3096, 0.2762 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 39.5749, 0.3096, 0.2762 by changing the saturation by 10% instead.


 39.5749, 0.3096,
0.2762

 39.5749, 0.3096,
0.2762

344.3286, 0.3116,
0.3022

 27.2073, 0.3090,
0.2698


 74.5158, 0.3104,
0.2856

 17.7289, 0.3081,
0.2617


 97.8577, 0.3107,
0.2891

 10.7556, 0.3067,
0.2511


125.6267, 0.3109,
0.2921

 5.9027, 0.3046,
0.2365

158.2069, 0.3111,
0.2947

 2.7860, 0.3009,
0.2155

195.9828, 0.3113,
0.2970

 1.0211, 0.2935,
0.1826

239.3387, 0.3114,

 0.0000, 0.2835,

0.2989


0.0000


288.6592, 0.3115,
0.3007


 0.0000, 0.0000,
0.0000


 39.5749, 0.3096,
0.2762


 39.5749, 0.3096,
0.2762


 33.0105, 0.3075,
0.2504


 47.2469, 0.3113,
0.3017


 27.4954, 0.3051,
0.2251


 56.0709, 0.3126,
0.3263


 22.9739, 0.3022,
0.2013

 66.0950, 0.3136,
0.3496

 19.3831, 0.2990,
0.1800

 77.3632, 0.3143,
0.3712

 16.6525, 0.2955,
0.1622

 88.9479, 0.3149,
0.3897

■ 14.7019, 0.2918,
0.1486

■ 89.3632, 0.3167,
0.3894

■ 13.4358, 0.2881,
0.1394

■ 89.7858, 0.3185,
0.3890

■ 12.7271, 0.2848,
0.1342

■ 90.2160, 0.3203,
0.3887

■ 90.6537, 0.3221,
0.3884

Harmonies

Analogous

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



39.5749, 0.2731, 0.2657



39.5749, 0.3096, 0.2762



39.5749, 0.3492, 0.2987

Triad

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



39.5749, 0.3096, 0.2762



39.5749, 0.3797, 0.3869



39.5749, 0.2496, 0.3236

Complementary

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



39.5749, 0.3096, 0.2762



51.0815, 0.3147, 0.3862

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.



39.5749, 0.2753, 0.3618



39.5749, 0.3096, 0.2762



39.5749, 0.3503, 0.3994

Square

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



39.5749, 0.3096, 0.2762



39.5749, 0.3910, 0.3605



39.5749, 0.3119, 0.3908



39.5749, 0.2402, 0.2902

Rectangle

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



39.5749, 0.3096, 0.2762



39.5749, 0.3713, 0.3182



39.5749, 0.3119, 0.3908



39.5749, 0.2565, 0.3364

Sweetspot

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



39.5766, 0.3096, 0.2762



90.2102, 0.3120, 0.3142



37.5953, 0.2782, 0.2799



19.0905, 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.



39.5766, 0.3096, 0.2762



64.1591, 0.3088, 0.2652



39.7336, 0.3284, 0.2946



10.7366, 0.3115, 0.3061



8.2108, 0.2853, 0.1345



0.4104, 0.2932, 0.1389

Inverse Universe

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



38.9048, 0.3488, 0.3213



62.8189, 0.3582, 0.3197



50.9938, 0.2998, 0.3661



10.6613, 0.3267, 0.3257



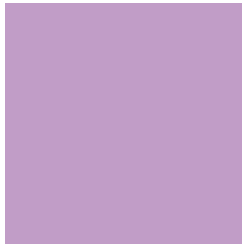
7.8711, 0.6191, 0.3184



0.3809, 0.5700, 0.2914

Previews

White Background



This preview shows how the Yxy color 39.5749, 0.3096, 0.2762 looks on a white background.

Color Contrast Check

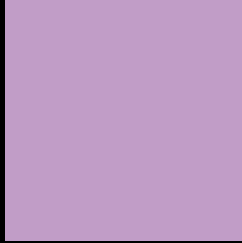
Large Text (above 18pt) WCAG AA × Fail

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 39.5749, 0.3096, 0.2762 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

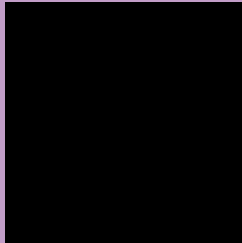
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.5749, 0.3096, 0.2762

Background



This preview shows how black text looks on a background with the Yxy color 39.5749, 0.3096, 0.2762.



This preview shows how white text looks on a background with the Yxy color 39.5749, 0.3096, 0.2762.

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

39.5749, 0.3096, 0.2762

Protanopia

39.5672, 0.2760, 0.2767

Deuteranopia

39.7121, 0.2925, 0.2865



Tritanopia

39.3645, 0.3278, 0.3119

Trichromacy



Original Color

39.5749, 0.3096, 0.2762

Protanomaly

39.2768, 0.2878, 0.2764

Deuteranomaly

39.6212, 0.2986, 0.2822

Tritanomaly

39.5077, 0.3207, 0.2992

Monochromacy



Original Color

39.5749, 0.3096, 0.2762

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

40.7181, 0.3118, 0.3090

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.5749, 0.3096, 0.2762 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, 157, 199)` looks like.

```
.text, #text, p{  
    color:rgb(193, 157, 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, 157, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 157, 199) }
```

Border

The CSS property to change the border of an element to Yxy 39.5749, 0.3096, 0.2762 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, 157, 199) }
```

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

```
.border{ border-color:rgb(193, 157, 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, 157, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 157, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 157, 199);  
box-shadow:4px 4px 4px 4px rgb(193, 157,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 39.5749, 0.3096, 0.2762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 157, 199) }
```

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

```
.background{ background-color: rgb(193,  
157, 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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