

Converting Colors

$Yxy(39.8323, 0.3164, 0.2853)$

Have a look what the booklet for
Yxy(39.8323, 0.3164, 0.2853)
contains.

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Color

Yxy(39.7733, 0.3157, 0.2847)

Conversions

Conversions Part 1

Format	Color
Hex	C29EC1
RGB	194, 158, 193
RGB Percent	76%, 62%, 76%
CMY	0.2392, 0.3804, 0.2430
CMYK	0.00, 0.19, 0.00, 0.24
HSL	302°, 23%, 69%
HSV	302°, 19%, 76%
XYZ	44.1041, 39.7733, 55.8251
YIQ	172.7540, 10.2210, 18.5170

Conversions

Conversions Part 2

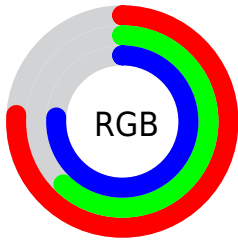
Format	Color
RYB	194, 158, 193
Decimal	12754625
CIELab	69.31, 19.39, -12.99
CIElCh	69, 23.339, 326.176
Yxy	39.7733, 0.3157, 0.2847
Android (android.graphics.Color)	4290944705 (0xFFC29EC1)
YUV	172.7540, 9.9813, 18.6327
Hunter-Lab	63.0661, 14.4650, -8.3363

Details

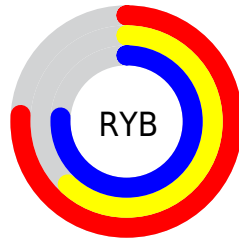
The Yxy color $39.7733, 0.3157, 0.2847$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $48.3559, 0.3097, 0.3777$, and the grayscale version is $41.6034, 0.3127, 0.3290$.

A 20% lighter version of the original color is $74.9373, 0.3158, 0.2934$, and $17.7476, 0.3167, 0.2724$ is the 20% darker color. If you saturate the color by 10%, you get $33.6477, 0.3174, 0.2605$, and if you desaturate by 10%, it is $46.9472, 0.3140, 0.3088$.

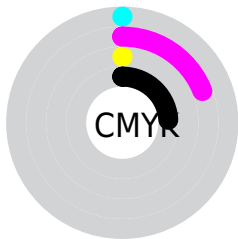
Distribution



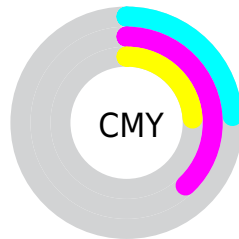
- Red (76%)
- Green (62%)
- Blue (76%)



- Red (76%)
- Yellow (62%)
- Blue (76%)



- Cyan (0%)
- Magenta (19%)
- Yellow (0%)
- Black (24%)





- Cyan (24%)
- Magenta (38%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.7733, 0.3157, 0.2847 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 39.7733, 0.3157, 0.2847 by changing the saturation by 10% instead.


 39.7733, 0.3157,
0.2847


 39.7733, 0.3157,
0.2847


345.1671, 0.3145,
0.3067

 27.3618, 0.3159,
0.2793


 74.8182, 0.3153,
0.2926

 17.8452, 0.3161,
0.2724


 98.2204, 0.3152,
0.2956

 10.8389, 0.3163,
0.2632


126.0550, 0.3150,
0.2982

 5.9586, 0.3164,
0.2506

158.7063, 0.3149,
0.3003

 2.8199, 0.3162,
0.2322

196.5588, 0.3148,
0.3022

 1.0385, 0.3148,
0.2027

239.9968, 0.3147,

 0.0000, 0.3268,

0.3039

0.0000

289.4048, 0.3146,
0.3054


 0.0000, 0.0000,
0.0000


 39.7733, 0.3157,
0.2847

 39.7733, 0.3157,
0.2847


 33.6477, 0.3174,
0.2605


 46.9472, 0.3140,
0.3088


 28.5162, 0.3192,
0.2371

 55.2099, 0.3125,
0.3323


 24.3279, 0.3210,
0.2154

 64.6060, 0.3111,
0.3547

 21.0250, 0.3226,
0.1964

 75.1763, 0.3098,
0.3757

 18.5436, 0.3242,
0.1808

 86.9589, 0.3086,
0.3951

■ 16.8110, 0.3255,
0.1692

■ 86.9826, 0.3083,
0.3945

■ 15.7422, 0.3267,
0.1619

■ 87.0064, 0.3081,
0.3939

■ 15.1989, 0.3276,
0.1583

■ 87.0303, 0.3078,
0.3933

■ 15.1349, 0.3278,
0.1579

■ 87.0542, 0.3075,
0.3927

Harmonies

Analogous

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



39.7733, 0.2824, 0.2735



39.7733, 0.3157, 0.2847



39.7733, 0.3498, 0.3061

Triad

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



39.7733, 0.3157, 0.2847



39.7733, 0.3686, 0.3829



39.7733, 0.2546, 0.3194

Complementary

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



39.7733, 0.3157, 0.2847



48.3559, 0.3097, 0.3777

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.



39.7733, 0.2754, 0.3526



39.7733, 0.3157, 0.2847



39.7733, 0.3410, 0.3907

Square

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



39.7733, 0.3157, 0.2847



39.7733, 0.3812, 0.3614



39.7733, 0.3068, 0.3798



39.7733, 0.2486, 0.2914

Rectangle

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



39.7733, 0.3157, 0.2847



39.7733, 0.3678, 0.3241



39.7733, 0.3068, 0.3798



39.7733, 0.2600, 0.3304

Sweetspot

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



39.7750, 0.3157, 0.2847



88.5546, 0.3137, 0.3147



35.6786, 0.2829, 0.2790



19.1823, 0.3138, 0.3131



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.



39.7750, 0.3157, 0.2847



67.6341, 0.3163, 0.2755



39.0341, 0.3318, 0.3065



10.2427, 0.3142, 0.3069



9.9525, 0.3277, 0.1579



0.4315, 0.3260, 0.1570

Inverse Universe

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



39.7750, 0.3157, 0.2847



67.6341, 0.3163, 0.2755



49.0123, 0.2971, 0.3527



10.2427, 0.3142, 0.3069



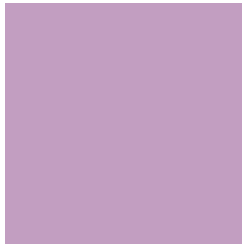
9.9525, 0.3277, 0.1579



0.4315, 0.3260, 0.1570

Previews

White Background



This preview shows how the Yxy color 39.7733, 0.3157, 0.2847 looks on a white background.

Color Contrast Check

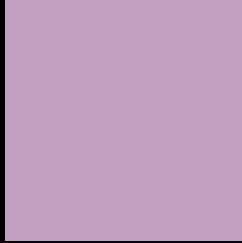
Large Text (above 18pt) WCAG AA × Fail

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 39.7733, 0.3157, 0.2847 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

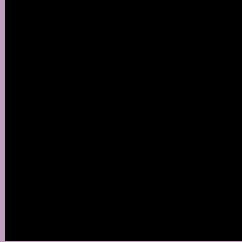
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.7733, 0.3157, 0.2847

Background



This preview shows how black text looks on a background with the Yxy color 39.7733, 0.3157, 0.2847.



This preview shows how white text looks on a background with the Yxy color 39.7733, 0.3157, 0.2847.

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

39.7733, 0.3157, 0.2847

Protanopia

39.9619, 0.2828, 0.2859

Deuteranopia

39.8300, 0.2991, 0.2931



Tritanopia

39.6221, 0.3297, 0.3120

Trichromacy



Original Color

39.7733, 0.3157, 0.2847

Protanomaly

39.5808, 0.2942, 0.2854

Deuteranomaly

39.5915, 0.3054, 0.2898

Tritanomaly

39.6843, 0.3244, 0.3019

Monochromacy



Original Color

39.7733, 0.3157, 0.2847

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.1243, 0.3144, 0.3131

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.7733, 0.3157, 0.2847 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(194, 158, 193)` looks like.

```
.text, #text, p{  
    color:rgb(194, 158, 193)  
}
```

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(194, 158, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 158, 193) }
```

Border

The CSS property to change the border of an element to Yxy 39.7733, 0.3157, 0.2847 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(194, 158, 193) }
```

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

```
.border{ border-color:rgb(194, 158, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 158, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 158, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 158, 193);  
box-shadow:4px 4px 4px 4px rgb(194, 158,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 39.7733, 0.3157, 0.2847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 158, 193) }
```

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

```
.background{ background-color: rgb(194,  
158, 193) }
```

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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