

Converting Colors

$Yxy(39.8985, 0.3089, 0.2784)$

Have a look what the booklet for
Yxy(39.8985, 0.3089, 0.2784)
contains.

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Color

Yxy(39.7837, 0.3087, 0.2774)

Conversions

Conversions Part 1

Format	Color
Hex	C09EC7
RGB	192, 158, 199
RGB Percent	75%, 62%, 78%
CMY	0.2470, 0.3804, 0.2197
CMYK	0.03, 0.21, 0.00, 0.22
HSL	290°, 27%, 70%
HSV	290°, 21%, 78%
XYZ	44.2726, 39.7837, 59.3600
YIQ	172.8400, 7.1030, 19.9590

Conversions

Conversions Part 2

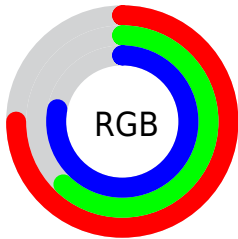
Format	Color
R _Y B	192, 158, 199
Decimal	12623559
CIE Lab	69.32, 19.85, -16.29
CIE LCh	69, 25.677, 320.627
Yxy	39.7837, 0.3087, 0.2774
Android (android.graphics.Color)	4290813639 (0xFFC09EC7)
YUV	172.8400, 12.8969, 16.8033
Hunter-Lab	63.0743, 14.9113, -11.6465

Details

The Yxy color $39.7837, 0.3087, 0.2774$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $51.2979, 0.3155, 0.3845$, and the grayscale version is $41.6347, 0.3127, 0.3290$.

A 20% lighter version of the original color is $74.9482, 0.3104, 0.2875$, and $17.7557, 0.3068, 0.2626$ is the 20% darker color. If you saturate the color by 10%, you get $33.1016, 0.3061, 0.2514$, and if you desaturate by 10%, it is $47.5783, 0.3109, 0.3030$.

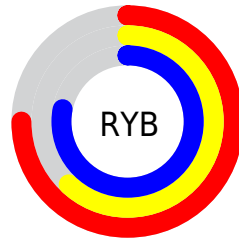
Distribution



Red (75%)

Green (62%)

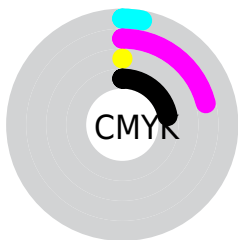
Blue (78%)



Red (75%)

Yellow (62%)

Blue (78%)

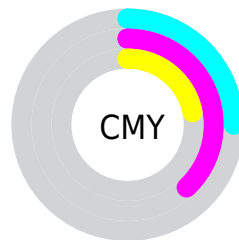


Cyan (3%)

Magenta (21%)

Yellow (0%)

Black (22%)



Cyan (25%)


Magenta (38%)

Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.7837, 0.3087, 0.2774 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 39.7837, 0.3087, 0.2774 by changing the saturation by 10% instead.


 39.7837, 0.3087,
0.2774


 39.7837, 0.3087,
0.2774

345.2111, 0.3111,
0.3029

 27.3699, 0.3080,
0.2712


 74.8340, 0.3097,
0.2866

 17.8513, 0.3069,
0.2632


 98.2394, 0.3100,
0.2900

 10.8432, 0.3054,
0.2528


126.0774, 0.3103,
0.2930

 5.9615, 0.3031,
0.2385

158.7325, 0.3105,
0.2955

 2.8217, 0.2991,
0.2179

196.5890, 0.3107,
0.2977

 1.0394, 0.2912,
0.1856

240.0313, 0.3109,

 0.0000, 0.2803,

0.2996

0.0000

289.4439, 0.3110,
0.3013

0.0000, 0.0000,
0.0000

39.7837, 0.3087,
0.2774

39.7837, 0.3087,
0.2774

33.1016, 0.3061,
0.2514

47.5783, 0.3109,
0.3030

27.4739, 0.3029,
0.2257

56.5296, 0.3126,
0.3276

22.8453, 0.2994,
0.2014

66.6856, 0.3140,
0.3508

19.1529, 0.2954,
0.1794

78.0900, 0.3150,
0.3722

16.3270, 0.2912,
0.1609

89.1850, 0.3160,
0.3896

■ 14.2880, 0.2867,
0.1465

■ 89.6832, 0.3181,
0.3892

■ 12.9412, 0.2822,
0.1365

■ 90.1919, 0.3202,
0.3888

■ 12.1387, 0.2781,
0.1305

■ 90.7112, 0.3224,
0.3884

■ 91.2411, 0.3246,
0.3880

Harmonies

Analogous

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



39.7837, 0.2736, 0.2676



39.7837, 0.3087, 0.2774



39.7837, 0.3470, 0.2989

Triad

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



39.7837, 0.3087, 0.2774



39.7837, 0.3781, 0.3845



39.7837, 0.2521, 0.3248

Complementary

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



39.7837, 0.3087, 0.2774



51.2979, 0.3155, 0.3845

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.



39.7837, 0.2774, 0.3616



39.7837, 0.3087, 0.2774



39.7837, 0.3501, 0.3969

Square

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



39.7837, 0.3087, 0.2774



39.7837, 0.3883, 0.3588



39.7837, 0.3131, 0.3890



39.7837, 0.2425, 0.2923

Rectangle

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



39.7837, 0.3087, 0.2774



39.7837, 0.3686, 0.3178



39.7837, 0.3131, 0.3890



39.7837, 0.2590, 0.3372

Sweetspot

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



39.7854, 0.3087, 0.2774



90.1339, 0.3117, 0.3142



38.4884, 0.2793, 0.2832



19.0724, 0.3116, 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.



39.7854, 0.3087, 0.2774



63.8538, 0.3075, 0.2650



40.1387, 0.3267, 0.2938



10.7219, 0.3111, 0.3060



7.8413, 0.2787, 0.1309



0.3961, 0.2880, 0.1360

Inverse Universe

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



39.3090, 0.3466, 0.3201



62.8989, 0.3568, 0.3179



51.0424, 0.3010, 0.3670



10.6659, 0.3263, 0.3251



7.8902, 0.6131, 0.3151



0.3830, 0.5592, 0.2854

Previews

White Background



This preview shows how the Yxy color 39.7837, 0.3087, 0.2774 looks on a white background.

Color Contrast Check

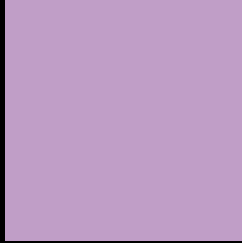
Large Text (above 18pt) WCAG AA × Fail

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 39.7837, 0.3087, 0.2774 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

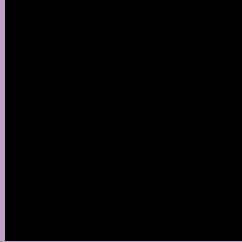
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.7837, 0.3087, 0.2774

Background



This preview shows how black text looks on a background with the Yxy color 39.7837, 0.3087, 0.2774.



This preview shows how white text looks on a background with the Yxy color 39.7837, 0.3087, 0.2774.

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

39.7837, 0.3087, 0.2774

Protanopia

40.0386, 0.2769, 0.2782

Deuteranopia

39.7581, 0.2917, 0.2853



Tritanopia

39.6272, 0.3258, 0.3119

Trichromacy



Original Color

39.7837, 0.3087, 0.2774

Protanomaly

39.6334, 0.2878, 0.2778

Deuteranomaly

39.5016, 0.2978, 0.2820

Tritanomaly

39.7692, 0.3188, 0.2991

Monochromacy



Original Color

39.7837, 0.3087, 0.2774

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 39.7837, 0.3087, 0.2774 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(192, 158, 199)` looks like.

```
.text, #text, p{  
    color:rgb(192, 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(192, 158, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 158, 199) }
```

Border

The CSS property to change the border of an element to Yxy 39.7837, 0.3087, 0.2774 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(192, 158, 199) }
```

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

```
.border{ border-color:rgb(192, 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(192, 158, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 158, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 158, 199);  
box-shadow:4px 4px 4px 4px rgb(192, 158,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 39.7837, 0.3087, 0.2774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 158, 199) }
```

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

```
.background{ background-color: rgb(192,  
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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