

Converting Colors

$Yxy(39.8560, 0.2871, 0.2568)$

Have a look what the booklet for
Yxy(39.8560, 0.2871, 0.2568)
contains.

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Color

Yxy(39.9964, 0.2870, 0.2569)

Conversions

Conversions Part 1

Format	Color
Hex	B89FD9
RGB	184, 159, 217
RGB Percent	72%, 62%, 85%
CMY	0.2786, 0.3764, 0.1490
CMYK	0.15, 0.27, 0.00, 0.15
HSL	266°, 43%, 74%
HSV	266°, 27%, 85%
XYZ	44.6826, 39.9964, 71.0096
YIQ	173.0870, -3.7180, 23.3380

Conversions

Conversions Part 2

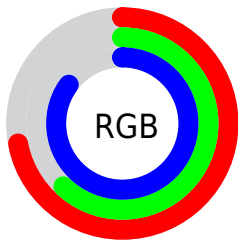
Format	Color
RYB	184, 159, 217
Decimal	12099545
CIELab	69.47, 20.39, -26.08
CIELCh	69, 33.105, 308.013
Yxy	39.9964, 0.2870, 0.2569
Android (android.graphics.Color)	4290289625 (0xFFB89FD9)
YUV	173.0870, 21.6491, 9.5707
Hunter-Lab	63.2427, 15.4402, -22.3015

Details

The Yxy color $39.9964, 0.2870, 0.2569$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $63.3427, 0.3334, 0.3998$, and the grayscale version is $41.7240, 0.3127, 0.3290$.

A 20% lighter version of the original color is $74.0139, 0.3048, 0.2878$, and $17.8699, 0.2784, 0.2371$ is the 20% darker color. If you saturate the color by 10%, you get $31.7170, 0.2748, 0.2267$, and if you desaturate by 10%, it is $49.7226, 0.2978, 0.2856$.

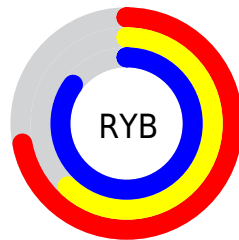
Distribution



Red (72%)

Green (62%)

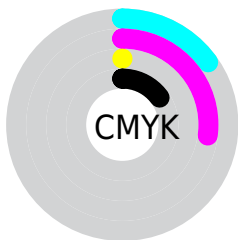
Blue (85%)



Red (72%)

Yellow (62%)

Blue (85%)

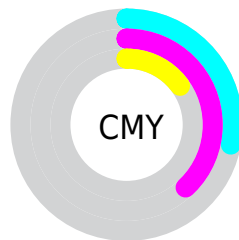


Cyan (15%)

Magenta (27%)

Yellow (0%)

Black (15%)



Cyan (28%)


Magenta (38%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.9964, 0.2870, 0.2569 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 39.9964, 0.2870, 0.2569 by changing the saturation by 10% instead.


 39.9964, 0.2870,
0.2569

 39.9964, 0.2870,
0.2569


346.1084, 0.3006,
0.2920

 27.5357, 0.2834,
0.2485


 75.1580, 0.2921,
0.2694

 17.9760, 0.2788,
0.2379


 98.6278, 0.2939,
0.2742

 10.9327, 0.2724,
0.2242


126.5360, 0.2955,
0.2782

 6.0216, 0.2634,
0.2059

159.2672, 0.2968,
0.2817

 2.8582, 0.2496,
0.1804

197.2056, 0.2980,
0.2848

 1.0582, 0.2265,
0.1430

240.7356, 0.2989,

 0.0000, 0.1810,

0.2875

0.0000

290.2418, 0.2998,
0.2899

0.0000, 0.0000,
0.0000

39.9964, 0.2870,
0.2569

39.9964, 0.2870,
0.2569

31.7170, 0.2748,
0.2267

49.7226, 0.2978,
0.2856

24.8077, 0.2613,
0.1960

60.9575, 0.3072,
0.3123

19.1918, 0.2469,
0.1661

73.7653, 0.3152,
0.3367

14.7829, 0.2320,
0.1385

88.2048, 0.3220,
0.3587

11.4835, 0.2175,
0.1149

96.0834, 0.3291,
0.3668

■ 9.1804, 0.2039,
0.0967

■ 97.7897, 0.3352,
0.3661

■ 7.7285, 0.1921,
0.0845

■ 7.3557, 0.1885,
0.0812

Harmonies

Analogous

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



39.9964, 0.2482, 0.2515



39.9964, 0.2870, 0.2569



39.9964, 0.3361, 0.2781

Triad

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



39.9964, 0.2870, 0.2569



39.9964, 0.4053, 0.3861



39.9964, 0.2467, 0.3433

Complementary

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



39.9964, 0.2870, 0.2569



63.3427, 0.3334, 0.3998

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.



39.9964, 0.2850, 0.3893



39.9964, 0.2870, 0.2569



39.9964, 0.3771, 0.4120

Square

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



39.9964, 0.2870, 0.2569



39.9964, 0.4075, 0.3492



39.9964, 0.3327, 0.4153



39.9964, 0.2264, 0.2968

Rectangle

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



39.9964, 0.2870, 0.2569



39.9964, 0.3678, 0.2990



39.9964, 0.3327, 0.4153



39.9964, 0.2578, 0.3597

Sweetspot

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



39.9981, 0.2870, 0.2569



85.5296, 0.3060, 0.3089



50.4519, 0.2709, 0.2980



17.7598, 0.3046, 0.3049



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.



39.9981, 0.2870, 0.2569



50.7442, 0.2804, 0.2402



43.8342, 0.3115, 0.2620



12.8897, 0.3048, 0.3053



4.5125, 0.1900, 0.0820



0.3426, 0.2084, 0.0922

Inverse Universe

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



43.3623, 0.3380, 0.2900



56.4624, 0.3449, 0.2816



60.0057, 0.3125, 0.4046



13.1752, 0.3203, 0.3158



9.8269, 0.4657, 0.2339



0.6538, 0.4357, 0.2174

Previews

White Background



This preview shows how the Yxy color 39.9964, 0.2870, 0.2569 looks on a white background.

Color Contrast Check

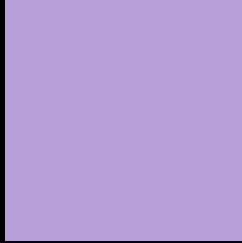
Large Text (above 18pt) WCAG AA × Fail

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 39.9964, 0.2870, 0.2569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

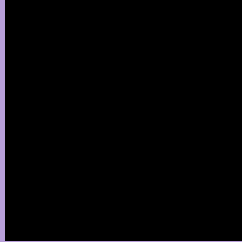
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.9964, 0.2870, 0.2569

Background



This preview shows how black text looks on a background with the Yxy color 39.9964, 0.2870, 0.2569.



This preview shows how white text looks on a background with the Yxy color 39.9964, 0.2870, 0.2569.

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

39.9964, 0.2870, 0.2569

Protanopia

40.3015, 0.2608, 0.2574

Deuteranopia

40.2251, 0.2712, 0.2662



Tritanopia

39.9921, 0.3126, 0.3115

Trichromacy



Original Color

39.9964, 0.2870, 0.2569

Protanomaly

40.2377, 0.2700, 0.2572

Deuteranomaly

40.0548, 0.2765, 0.2622

Tritanomaly

39.7479, 0.3027, 0.2896

Monochromacy



Original Color

39.9964, 0.2870, 0.2569

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.0265, 0.3033, 0.3012

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.9964, 0.2870, 0.2569 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(184, 159, 217)` looks like.

```
.text, #text, p{  
    color:rgb(184, 159, 217)  
}
```

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(184, 159, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 159, 217) }
```

Border

The CSS property to change the border of an element to Yxy 39.9964, 0.2870, 0.2569 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(184, 159, 217) }
```

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

```
.border{ border-color:rgb(184, 159, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 159, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(184, 159, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(184, 159, 217); box-shadow:4px 4px 4px 4px rgb(184, 159, 217) }
```


Background

The CSS property to change the background color of an element to Yxy 39.9964, 0.2870, 0.2569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 159, 217) }
```

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

```
.background{ background-color: rgb(184,  
159, 217) }
```

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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