

Converting Colors

Yxy(38.8513, 0.2971, 0.2492)

Have a look what the booklet for
Yxy(38.8513, 0.2971, 0.2492)
contains.

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Color

Yxy(38.8787, 0.2973, 0.2493)

Conversions

Conversions Part 1

Format	Color
Hex	C497D9
RGB	196, 151, 217
RGB Percent	77%, 59%, 85%
CMY	0.2312, 0.4079, 0.1490
CMYK	0.10, 0.30, 0.00, 0.15
HSL	281°, 46%, 72%
HSV	281°, 30%, 85%
XYZ	46.3644, 38.8787, 70.7084
YIQ	171.9790, 5.6340, 30.0660

Conversions

Conversions Part 2

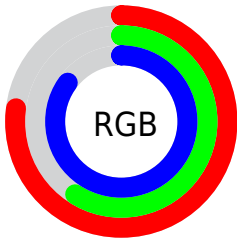
Format	Color
RYB	196, 151, 217
Decimal	12883929
CIELab	68.66, 28.67, -27.22
CIElCh	69, 39.535, 316.482
Yxy	38.8787, 0.2973, 0.2493
Android (android.graphics.Color)	4291074009 (0xFFC497D9)
YUV	171.9790, 22.1954, 21.0664
Hunter-Lab	62.3528, 23.6119, -23.5882

Details

The Yxy color **38.8787, 0.2973, 0.2493** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **60.6262, 0.3235, 0.4138**, and the grayscale version is **41.1295, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.2453, 0.3135, 0.2809**, and **17.1950, 0.2909, 0.2277** is the 20% darker color. If you saturate the color by 10%, you get **31.6244, 0.2905, 0.2217**, and if you desaturate by 10%, it is **47.4642, 0.3032, 0.2767**.

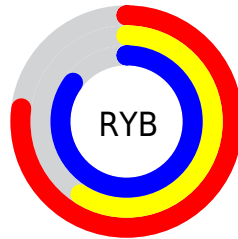
Distribution



Red (77%)

Green (59%)

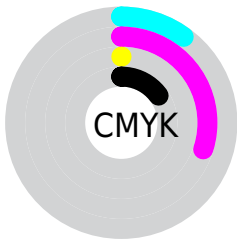
Blue (85%)



Red (77%)

Yellow (59%)

Blue (85%)

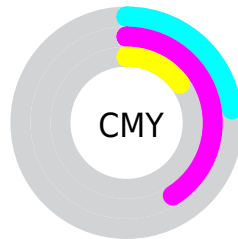


Cyan (10%)

Magenta (30%)

Yellow (0%)

Black (15%)



Cyan (23%)


Magenta (41%)

Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.8787, 0.2973, 0.2493 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 38.8787, 0.2973, 0.2493 by changing the saturation by 10% instead.


 38.8787, 0.2973,
0.2493


 38.8787, 0.2973,
0.2493


341.3745, 0.3060,
0.2878

 26.6654, 0.2949,
0.2402


 73.4530, 0.3007,
0.2629

 17.3221, 0.2916,
0.2287

 96.5827, 0.3019,
0.2682

 10.4644, 0.2871,
0.2140


124.1201, 0.3029,
0.2726

 5.7079, 0.2804,
0.1945

156.4494, 0.3037,
0.2765

 2.6683, 0.2697,
0.1676

193.9551, 0.3044,
0.2798

 0.9611, 0.2510,
0.1290

237.0216, 0.3050,

 0.0000, 0.2211,

0.2828


0.0000


286.0333, 0.3055,
0.2854


 0.0000, 0.0000,
0.0000

 38.8787, 0.2973,
0.2493


 38.8787, 0.2973,
0.2493

 31.6244, 0.2905,
0.2217


 47.4642, 0.3032,
0.2767


 25.6251, 0.2830,
0.1949


 57.4417, 0.3083,
0.3031


 20.8046, 0.2748,
0.1701

 68.8742, 0.3126,
0.3280

 17.0758, 0.2662,
0.1485


 81.8193, 0.3161,
0.3511


 14.3395, 0.2575,
0.1310

 93.4345, 0.3193,
0.3680

 12.4779, 0.2491,
0.1184

 94.6003, 0.3237,
0.3674

 11.3159, 0.2413,
0.1103

 95.8117, 0.3281,
0.3669

 97.0691, 0.3326,
0.3664

 97.7900, 0.3351,
0.3661

Harmonies

Analogous

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



38.8787, 0.2468, 0.2371



38.8787, 0.2973, 0.2493



38.8787, 0.3573, 0.2784

Triad

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



38.8787, 0.2973, 0.2493



38.8787, 0.4165, 0.4065



38.8787, 0.2247, 0.3286

Complementary

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



38.8787, 0.2973, 0.2493



60.6262, 0.3235, 0.4138

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.



38.8787, 0.2643, 0.3883



38.8787, 0.2973, 0.2493



38.8787, 0.3751, 0.4334

Square

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



38.8787, 0.2973, 0.2493



38.8787, 0.4298, 0.3644



38.8787, 0.3192, 0.4292



38.8787, 0.2082, 0.2764

Rectangle

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



38.8787, 0.2973, 0.2493



38.8787, 0.3934, 0.3045



38.8787, 0.3192, 0.4292



38.8787, 0.2356, 0.3488

Sweetspot

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



38.8803, 0.2973, 0.2493



84.8655, 0.3089, 0.3065



41.4720, 0.2625, 0.2706



17.6763, 0.3082, 0.3027



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.



38.8803, 0.2973, 0.2493



48.6023, 0.2927, 0.2302



41.3373, 0.3261, 0.2652



13.0568, 0.3087, 0.3056



6.9085, 0.2424, 0.1109



0.4929, 0.2555, 0.1181

Inverse Universe

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



39.8575, 0.3592, 0.3038



50.3718, 0.3742, 0.2979



58.8140, 0.3018, 0.4025



13.1193, 0.3242, 0.3216



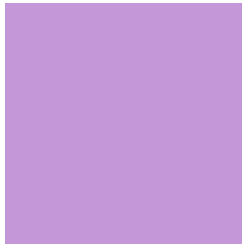
9.2063, 0.5688, 0.2907



0.6118, 0.5223, 0.2651

Previews

White Background



This preview shows how the Yxy color 38.8787, 0.2973, 0.2493 looks on a white background.

Color Contrast Check

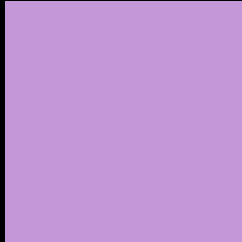
Large Text (above 18pt) WCAG AA × Fail

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 38.8787, 0.2973, 0.2493 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

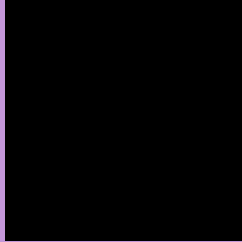
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.8787, 0.2973, 0.2493

Background



This preview shows how black text looks on a background with the Yxy color 38.8787, 0.2973, 0.2493.



This preview shows how white text looks on a background with the Yxy color 38.8787, 0.2973, 0.2493.

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

38.8787, 0.2973, 0.2493

Protanopia

39.3579, 0.2538, 0.2484

Deuteranopia

39.1362, 0.2694, 0.2643



Tritanopia

38.9390, 0.3298, 0.3132

Trichromacy



Original Color

38.8787, 0.2973, 0.2493

Protanomaly

39.0870, 0.2683, 0.2489

Deuteranomaly

38.8186, 0.2785, 0.2584

Tritanomaly

38.9512, 0.3184, 0.2893

Monochromacy



Original Color

38.8787, 0.2973, 0.2493

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.0055, 0.3078, 0.2974

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.8787, 0.2973, 0.2493 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(196, 151, 217)` looks like.

```
.text, #text, p{  
    color:rgb(196, 151, 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(196, 151, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 151, 217) }
```

Border

The CSS property to change the border of an element to Yxy 38.8787, 0.2973, 0.2493 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(196, 151, 217) }
```

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

```
.border{ border-color:rgb(196, 151, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 151, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 151, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 151, 217);  
box-shadow:4px 4px 4px 4px rgb(196, 151,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 38.8787, 0.2973, 0.2493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 151, 217) }
```

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

```
.background{ background-color: rgb(196,  
151, 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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