

Converting Colors

$Yxy(23.6677, 0.3338, 0.2873)$

Have a look what the booklet for
Yxy(23.6677, 0.3338, 0.2873)
contains.

Yxy(23.7054, 0.3339, 0.2879)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(23.7054, 0.3339, 0.2879)

Conversions

Conversions Part 1

Format	Color
Hex	A47994
RGB	164, 121, 148
RGB Percent	64%, 47%, 58%
CMY	0.3568, 0.5255, 0.4196
CMYK	0.00, 0.26, 0.10, 0.36
HSL	322°, 19%, 56%
HSV	322°, 26%, 64%
XYZ	27.4930, 23.7054, 31.1406
YIQ	136.9350, 16.9610, 17.5130

Conversions

Conversions Part 2

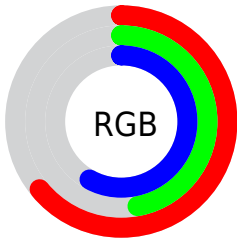
Format	Color
RYB	164, 121, 148
Decimal	10779028
CIELab	55.79, 21.23, -7.99
CIELCh	56, 22.680, 339.367
Yxy	23.7054, 0.3339, 0.2879
Android (android.graphics.Color)	4288969108 (0xFFA47994)
YUV	136.9350, 5.4550, 23.7360
Hunter-Lab	48.6882, 15.5901, -3.8397

Details

The Yxy color **23.7054, 0.3339, 0.2879** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **32.4250, 0.2962, 0.3741**, and the grayscale version is **24.9653, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.5964, 0.3291, 0.2967**, and **8.9425, 0.3428, 0.2748** is the 20% darker color. If you saturate the color by 10%, you get **19.8650, 0.3446, 0.2717**, and if you desaturate by 10%, it is **28.2358, 0.3247, 0.3040**.

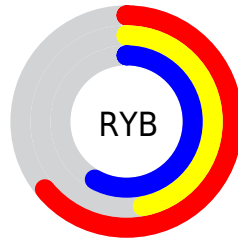
Distribution



Red (64%)

Green (47%)

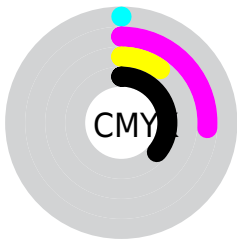
Blue (58%)



Red (64%)

Yellow (47%)

Blue (58%)

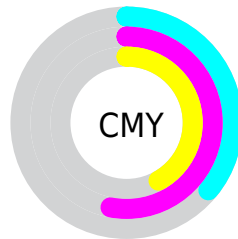


Cyan (0%)

Magenta (26%)

Yellow (10%)

Black (36%)



Cyan (36%)

Magenta (53%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.7054, 0.3339, 0.2879 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 23.7054, 0.3339, 0.2879 by changing the saturation by 10% instead.

 23.7054, 0.3339,
0.2879


 23.7054, 0.3339,
0.2879


271.3277, 0.3225,
0.3101

 15.1152, 0.3371,
0.2818


 49.5490, 0.3295,
0.2964

 8.9003, 0.3414,
0.2735


 67.5713, 0.3279,
0.2994

 4.6762, 0.3475,
0.2618


 89.5063, 0.3266,
0.3020

 2.0586, 0.3569,
0.2438

115.7386, 0.3255,
0.3041

 0.6412, 0.3758,
0.2075

146.6525, 0.3246,
0.3059

 0.0000, 0.5941,
0.0000

182.6324, 0.3238,

 0.0000, 0.0000,

0.3075

0.0000

224.0626, 0.3231,
0.3089

■ 23.7054, 0.3339,
0.2879

■ 23.7054, 0.3339,
0.2879

■ 19.8650, 0.3446,
0.2717

■ 28.2358, 0.3247,
0.3040

■ 16.6770, 0.3569,
0.2561

■ 33.4850, 0.3169,
0.3197

■ 14.1051, 0.3708,
0.2419

■ 39.4841, 0.3104,
0.3345

■ 12.1080, 0.3860,
0.2302

■ 46.2613, 0.3049,
0.3484

■ 10.6394, 0.4022,
0.2220

■ 53.8434, 0.3003,
0.3613

■ 9.6457, 0.4188,
0.2184

■ 62.2560, 0.2965,
0.3732

■ 9.0527, 0.4352,
0.2196

■ 71.5233, 0.2933,
0.3841

■ 8.8713, 0.4415,
0.2206

■ 81.6689, 0.2907,
0.3941

■ 83.7229, 0.2877,
0.3895

Harmonies

Analogous

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



23.7054, 0.2936, 0.2696



23.7054, 0.3339, 0.2879



23.7054, 0.3701, 0.3158

Triad

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



23.7054, 0.3339, 0.2879



23.7054, 0.3645, 0.3975



23.7054, 0.2409, 0.3019

Complementary

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



23.7054, 0.3339, 0.2879



32.4250, 0.2962, 0.3741

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.



23.7054, 0.2574, 0.3392



23.7054, 0.3339, 0.2879



23.7054, 0.3279, 0.3980

Square

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



23.7054, 0.3339, 0.2879



23.7054, 0.3879, 0.3780



23.7054, 0.2888, 0.3760



23.7054, 0.2421, 0.2755

Rectangle

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



23.7054, 0.3339, 0.2879



23.7054, 0.3859, 0.3372



23.7054, 0.2888, 0.3760



23.7054, 0.2445, 0.3136

Sweetspot

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



23.7065, 0.3339, 0.2879



58.8330, 0.3183, 0.3167



21.6549, 0.2852, 0.2593



12.5506, 0.3194, 0.3145



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



23.7065, 0.3339, 0.2879



39.1375, 0.3394, 0.2792



23.0940, 0.3599, 0.3202



7.1572, 0.3192, 0.3150



6.8109, 0.4400, 0.2198



0.1518, 0.3873, 0.1907

Inverse Universe

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



23.7065, 0.3339, 0.2879



39.1375, 0.3394, 0.2792



33.0965, 0.2795, 0.3382



7.1572, 0.3192, 0.3150



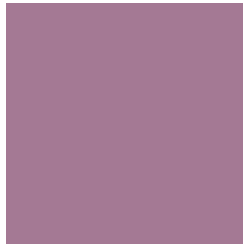
6.8109, 0.4400, 0.2198



0.1518, 0.3873, 0.1907

Previews

White Background



This preview shows how the Yxy color 23.7054, 0.3339, 0.2879 looks on a white background.

Color Contrast Check

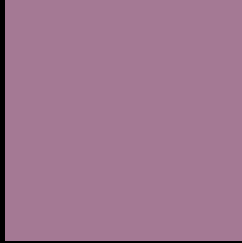
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.7054, 0.3339, 0.2879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

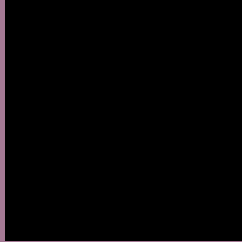
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.7054, 0.3339, 0.2879

Background



This preview shows how black text looks on a background with the Yxy color 23.7054, 0.3339, 0.2879.



This preview shows how white text looks on a background with the Yxy color 23.7054, 0.3339, 0.2879.

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

23.7054, 0.3339, 0.2879

Protanopia

23.9212, 0.2865, 0.2905

Deuteranopia

23.7033, 0.3083, 0.3025



Tritanopia

23.7901, 0.3488, 0.3150

Trichromacy



Original Color

23.7054, 0.3339, 0.2879

Protanomaly

23.7512, 0.3022, 0.2899

Deuteranomaly

23.6749, 0.3165, 0.2968

Tritanomaly

23.7874, 0.3442, 0.3058

Monochromacy



Original Color

23.7054, 0.3339, 0.2879

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

24.3587, 0.3204, 0.3127

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.7054, 0.3339, 0.2879 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(164, 121, 148)` looks like.

```
.text, #text, p{  
    color:rgb(164, 121, 148)  
}
```

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(164, 121, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 121, 148) }
```

Border

The CSS property to change the border of an element to Yxy 23.7054, 0.3339, 0.2879 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(164, 121, 148) }
```

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

```
.border{ border-color:rgb(164, 121, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 121, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(164, 121, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(164, 121, 148); box-shadow:4px 4px 4px 4px rgb(164, 121, 148) }
```


Background

The CSS property to change the background color of an element to Yxy 23.7054, 0.3339, 0.2879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 121, 148) }
```

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

```
.background{ background-color: rgb(164,  
121, 148) }
```

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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