

Converting Colors

$Y_{xy}(26.0075, 0.3097, 0.2423)$

Have a look what the booklet for
Yxy(26.0075, 0.3097, 0.2423)
contains.

Yxy(25.9597, 0.3101, 0.2420)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(25.9597, 0.3101, 0.2420)

Conversions

Conversions Part 1

Format	Color
Hex	B177B7
RGB	177, 119, 183
RGB Percent	69%, 47%, 72%
CMY	0.3061, 0.5332, 0.2824
CMYK	0.03, 0.35, 0.00, 0.28
HSL	294°, 31%, 59%
HSV	294°, 35%, 72%
XYZ	33.2649, 25.9597, 48.0469
YIQ	143.6380, 14.0240, 32.2000

Conversions

Conversions Part 2

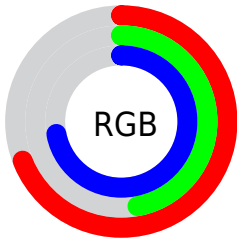
Format	Color
R _Y B	177, 119, 183
Decimal	11630519
CIE Lab	58.00, 33.40, -24.68
CIE LCh	58, 41.529, 323.537
Yxy	25.9597, 0.3101, 0.2420
Android (android.graphics.Color)	4289820599 (0xFFB177B7)
YUV	143.6380, 19.4055, 29.2585
Hunter-Lab	50.9507, 27.3762, -20.2455

Details

The Yxy color **25.9597, 0.3101, 0.2420** is a light color, and the websafe version is hex **996699**. A complement of this color would be **39.5573, 0.3127, 0.4306**, and the grayscale version is **27.6538, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.2295, 0.3119, 0.2583**, and **10.0789, 0.3067, 0.2158** is the 20% darker color. If you saturate the color by 10%, you get **21.8138, 0.3088, 0.2179**, and if you desaturate by 10%, it is **30.9490, 0.3112, 0.2671**.

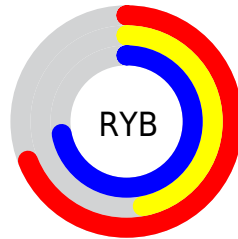
Distribution



Red (69%)

Green (47%)

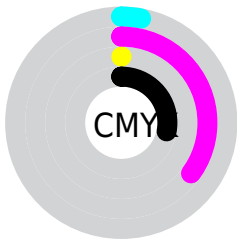
Blue (72%)



Red (69%)

Yellow (47%)

Blue (72%)

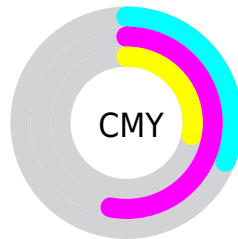


Cyan (3%)

Magenta (35%)

Yellow (0%)

Black (28%)



Cyan (31%)


Magenta (53%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.9597, 0.3101, 0.2420 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 25.9597, 0.3101, 0.2420 by changing the saturation by 10% instead.


 25.9597, 0.3101,
0.2420


 25.9597, 0.3101,
0.2420


282.5842, 0.3127,
0.2864


 16.7935, 0.3090,
0.2307


 53.2099, 0.3114,
0.2583

 10.0874, 0.3072,
0.2162


 72.0627, 0.3118,
0.2644

 5.4569, 0.3043,
0.1968


 94.9132, 0.3120,
0.2695

 2.5178, 0.2991,
0.1699

122.1457, 0.3122,
0.2739

 0.8855, 0.2884,
0.1310

154.1447, 0.3124,
0.2777

 0.0000, 0.2764,
0.0000

191.2945, 0.3125,

 0.0000, 0.0000,

0.2810

0.0000

233.9795, 0.3126,
0.2839

■ 25.9597, 0.3101,
0.2420

■ 25.9597, 0.3101,
0.2420

■ 21.8138, 0.3088,
0.2179

■ 30.9490, 0.3112,
0.2671

■ 18.4596, 0.3071,
0.1959

■ 36.8227, 0.3120,
0.2924

■ 15.8451, 0.3052,
0.1768


■ 43.6232, 0.3125,
0.3171

■ 13.9104, 0.3031,
0.1615

■ 51.3894, 0.3129,
0.3408

■ 12.5865, 0.3009,
0.1505

■ 60.1576, 0.3130,
0.3631

 11.7895, 0.2985,
0.1437

 69.9625, 0.3131,
0.3837

 11.4944, 0.2973,
0.1411

 80.8370, 0.3130,
0.4027

 85.9835, 0.3135,
0.4102

 86.2083, 0.3146,
0.4099

Harmonies

Analogous

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



25.9597, 0.2465, 0.2227



25.9597, 0.3101, 0.2420



25.9597, 0.3822, 0.2792

Triad

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



25.9597, 0.3101, 0.2420



25.9597, 0.4261, 0.4292



25.9597, 0.2016, 0.3105

Complementary

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



25.9597, 0.3101, 0.2420



39.5573, 0.3127, 0.4306

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.



25.9597, 0.2412, 0.3845



25.9597, 0.3101, 0.2420



25.9597, 0.3705, 0.4575

Square

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



25.9597, 0.3101, 0.2420



25.9597, 0.4525, 0.3807



25.9597, 0.3027, 0.4438



25.9597, 0.1898, 0.2542

Rectangle

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



25.9597, 0.3101, 0.2420



25.9597, 0.4224, 0.3108



25.9597, 0.3027, 0.4438



25.9597, 0.2118, 0.3344

Sweetspot

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



25.9608, 0.3101, 0.2420



71.5781, 0.3123, 0.3043



22.1185, 0.2519, 0.2366



15.4373, 0.3122, 0.3008



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



25.9608, 0.3101, 0.2420



40.6238, 0.3091, 0.2232



25.7149, 0.3456, 0.2756



9.1185, 0.3123, 0.3064



8.0366, 0.2976, 0.1413



0.2959, 0.3040, 0.1448

Inverse Universe

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



24.7492, 0.3864, 0.3205



38.1825, 0.4112, 0.3187



39.8162, 0.2899, 0.3896



9.0256, 0.3273, 0.3269



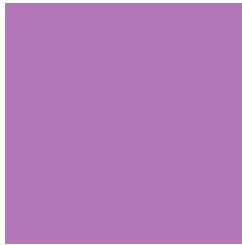
7.0567, 0.6275, 0.3231



0.2534, 0.5841, 0.2992

Previews

White Background



This preview shows how the Yxy color 25.9597, 0.3101, 0.2420 looks on a white background.

Color Contrast Check

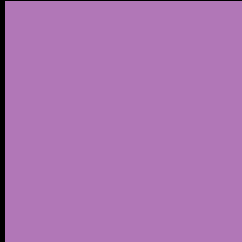
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.9597, 0.3101, 0.2420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

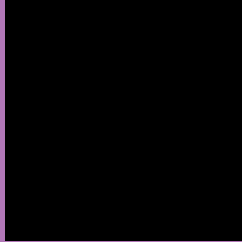
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.9597, 0.3101, 0.2420

Background



This preview shows how black text looks on a background with the Yxy color 25.9597, 0.3101, 0.2420.



This preview shows how white text looks on a background with the Yxy color 25.9597, 0.3101, 0.2420.

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

25.9597, 0.3101, 0.2420

Protanopia

26.2731, 0.2464, 0.2393

Deuteranopia

26.0921, 0.2681, 0.2620



Tritanopia

25.9312, 0.3525, 0.3141

Trichromacy



Original Color

25.9597, 0.3101, 0.2420

Protanomaly

25.7011, 0.2658, 0.2388

Deuteranomaly

25.5974, 0.2817, 0.2527

Tritanomaly

25.8846, 0.3368, 0.2868

Monochromacy



Original Color

25.9597, 0.3101, 0.2420

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

26.8645, 0.3122, 0.2938

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9597, 0.3101, 0.2420 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(177, 119, 183)` looks like.

```
.text, #text, p{  
    color:rgb(177, 119, 183)  
}
```

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(177, 119, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 119, 183) }
```

Border

The CSS property to change the border of an element to Yxy 25.9597, 0.3101, 0.2420 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(177, 119, 183) }
```

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

```
.border{ border-color:rgb(177, 119, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 119, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 119, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 119, 183);  
box-shadow:4px 4px 4px 4px rgb(177, 119,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 25.9597, 0.3101, 0.2420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 119, 183) }
```

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

```
.background{ background-color: rgb(177,  
119, 183) }
```

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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