

Converting Colors

$Y_{xy}(27.4257, 0.3073, 0.2316)$

Have a look what the booklet for
Yxy(27.4257, 0.3073, 0.2316)
contains.

Yxy(27.4030, 0.3076, 0.2319)	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(27.4030, 0.3076, 0.2319)

Conversions

Conversions Part 1

Format	Color
Hex	B977C2
RGB	185, 119, 194
RGB Percent	73%, 47%, 76%
CMY	0.2744, 0.5334, 0.2392
CMYK	0.05, 0.39, 0.00, 0.24
HSL	293°, 38%, 61%
HSV	293°, 39%, 76%
XYZ	36.3483, 27.4030, 54.4160
YIQ	147.2840, 15.2610, 37.3170

Conversions

Conversions Part 2

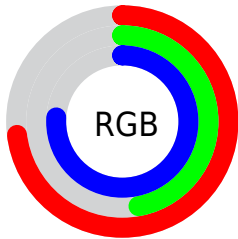
Format	Color
R_{YB}	185, 119, 194
Decimal	12154818
CIE _{Lab}	59.35, 38.16, -28.81
CIE _{LCh}	59, 47.815, 322.949
Yxy	27.4030, 0.3076, 0.2319
Android (android.graphics.Color)	4290344898 (0xFFB977C2)
YUV	147.2840, 23.0310, 33.0769
Hunter-Lab	52.3479, 32.3345, -24.9889

Details

The Yxy color **27.4030, 0.3076, 0.2319** is a light color, and the websafe version is hex **996699**. A complement of this color would be **44.5042, 0.3139, 0.4433**, and the grayscale version is **29.2000, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.3473, 0.3092, 0.2488**, and **10.7735, 0.3030, 0.2039** is the 20% darker color. If you saturate the color by 10%, you get **22.9625, 0.3055, 0.2080**, and if you desaturate by 10%, it is **32.7931, 0.3094, 0.2571**.

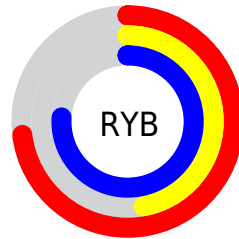
Distribution



Red (73%)

Green (47%)

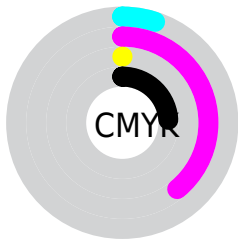
Blue (76%)



Red (73%)

Yellow (47%)

Blue (76%)

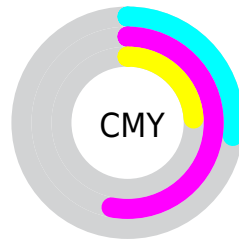


Cyan (5%)

Magenta (39%)

Yellow (0%)

Black (24%)



Cyan (27%)


Magenta (53%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.4030, 0.3076, 0.2319 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 27.4030, 0.3076, 0.2319 by changing the saturation by 10% instead.


 27.4030, 0.3076,
0.2319


 27.4030, 0.3076,
0.2319


289.6031, 0.3118,
0.2805


 17.8761, 0.3060,
0.2199


 55.5299, 0.3095,
0.2495

 10.8611, 0.3036,
0.2047


 74.8987, 0.3101,
0.2561

 5.9735, 0.2998,
0.1847


 98.3169, 0.3106,
0.2617

 2.8290, 0.2933,
0.1578

126.1689, 0.3109,
0.2666

 1.0431, 0.2810,
0.1204

158.8392, 0.3112,
0.2708

 0.0000, 0.2730,
0.0000

196.7120, 0.3114,

 0.0000, 0.0000,

0.2744

0.0000

240.1719, 0.3116,
0.2776

■ 27.4030, 0.3076,
0.2319

■ 27.4030, 0.3076,
0.2319

■ 22.9625, 0.3055,
0.2080

■ 32.7931, 0.3094,
0.2571

■ 19.4102, 0.3030,
0.1865

■ 39.1820, 0.3108,
0.2827

■ 16.6833, 0.3003,
0.1683


■ 46.6199, 0.3120,
0.3079

■ 14.7090, 0.2973,
0.1540


■ 55.1526, 0.3128,
0.3322


■ 13.4019, 0.2943,
0.1442


■ 64.8231, 0.3134,
0.3550


 12.6217, 0.2912,
0.1383

 75.6721, 0.3138,
0.3763

 12.5309, 0.2908,
0.1376

 87.7381, 0.3140,
0.3959

 88.1960, 0.3154,
0.3958

 88.5255, 0.3169,
0.3955

Harmonies

Analogous

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



27.4030, 0.2372, 0.2111



27.4030, 0.3076, 0.2319



27.4030, 0.3895, 0.2722

Triad

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



27.4030, 0.3076, 0.2319



27.4030, 0.4396, 0.4383



27.4030, 0.1894, 0.3084

Complementary

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



27.4030, 0.3076, 0.2319



44.5042, 0.3139, 0.4433

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.



27.4030, 0.2330, 0.3938



27.4030, 0.3076, 0.2319



27.4030, 0.3772, 0.4738

Square

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



27.4030, 0.3076, 0.2319



27.4030, 0.4699, 0.3831



27.4030, 0.3015, 0.4616



27.4030, 0.1764, 0.2453

Rectangle

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



27.4030, 0.3076, 0.2319



27.4030, 0.4356, 0.3065



27.4030, 0.3015, 0.4616



27.4030, 0.2005, 0.3358

Sweetspot

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



27.4042, 0.3076, 0.2319



79.4902, 0.3116, 0.2991



23.5140, 0.2447, 0.2284



17.0093, 0.3115, 0.2958



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.



27.4042, 0.3076, 0.2319



43.0304, 0.3059, 0.2125



27.4322, 0.3475, 0.2665



10.1844, 0.3119, 0.3062



8.2617, 0.2912, 0.1378



0.3746, 0.2983, 0.1417

Inverse Universe

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



26.2181, 0.3959, 0.3170



40.6879, 0.4229, 0.3147



44.5983, 0.2893, 0.4017



10.0971, 0.3271, 0.3263



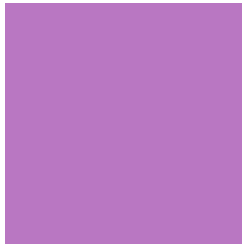
7.5885, 0.6236, 0.3209



0.3345, 0.5774, 0.2954

Previews

White Background



This preview shows how the Yxy color 27.4030, 0.3076, 0.2319 looks on a white background.

Color Contrast Check

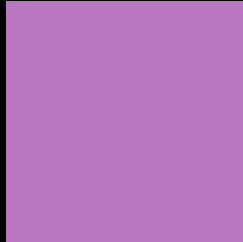
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.4030, 0.3076, 0.2319 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

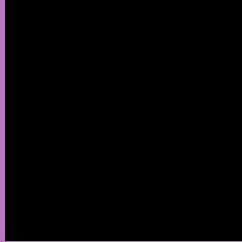
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.4030, 0.3076, 0.2319

Background



This preview shows how black text looks on a background with the Yxy color 27.4030, 0.3076, 0.2319.



This preview shows how white text looks on a background with the Yxy color 27.4030, 0.3076, 0.2319.

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

27.4030, 0.3076, 0.2319

Protanopia

27.7460, 0.2375, 0.2270

Deuteranopia

27.5928, 0.2601, 0.2547



Tritanopia

27.3237, 0.3578, 0.3146

Trichromacy



Original Color

27.4030, 0.3076, 0.2319



Protanomaly

27.1121, 0.2589, 0.2271



Deuteranomaly

27.1160, 0.2763, 0.2452



Tritanomaly

27.2835, 0.3390, 0.2815

Monochromacy



Original Color

27.4030, 0.3076, 0.2319



Achromatopsia

29.1771, 0.3127, 0.3290



Achromatomaly

28.1487, 0.3114, 0.2889

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.4030, 0.3076, 0.2319 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(185, 119, 194)` looks like.

```
.text, #text, p{  
    color:rgb(185, 119, 194)  
}
```

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(185, 119, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 119, 194) }
```

Border

The CSS property to change the border of an element to Yxy 27.4030, 0.3076, 0.2319 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(185, 119, 194) }
```

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

```
.border{ border-color:rgb(185, 119, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 119, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 119, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 119, 194);  
box-shadow:4px 4px 4px 4px rgb(185, 119,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 27.4030, 0.3076, 0.2319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 119, 194) }
```

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

```
.background{ background-color: rgb(185,  
119, 194) }
```

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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