

Converting Colors

$Y_{xy}(27.3060, 0.3074, 0.2347)$

Have a look what the booklet for
Yxy(27.3060, 0.3074, 0.2347)
contains.

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Color

Yxy(27.3060, 0.3074, 0.2347)

Conversions

Conversions Part 1

Format	Color
Hex	B778C0
RGB	183, 120, 192
RGB Percent	72%, 47%, 75%
CMY	0.2823, 0.5294, 0.2469
CMYK	0.05, 0.38, 0.00, 0.25
HSL	292°, 36%, 61%
HSV	292°, 38%, 75%
XYZ	35.7642, 27.3060, 53.2740
YIQ	147.0450, 14.4360, 35.7480

Conversions

Conversions Part 2

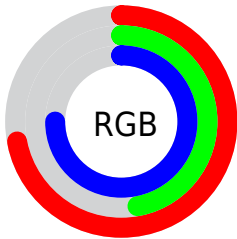
Format	Color
RYB	183, 120, 192
Decimal	12024000
CIELab	59.26, 36.59, -27.84
CIELCh	59, 45.980, 322.730
Yxy	27.3060, 0.3074, 0.2347
Android (android.graphics.Color)	4290214080 (0xFFB778C0)
YUV	147.0450, 22.1628, 31.5325
Hunter-Lab	52.2551, 30.7217, -23.8675

Details

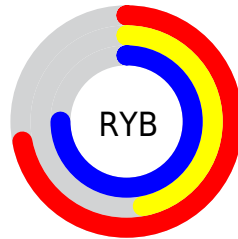
The Yxy color **27.3060, 0.3074, 0.2347** is a light color, and the websafe version is hex **996699**. A complement of this color would be **43.7382, 0.3143, 0.4391**, and the grayscale version is **29.1001, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.2520, 0.3091, 0.2512**, and **10.8824, 0.3043, 0.2092** is the 20% darker color. If you saturate the color by 10%, you get **22.8501, 0.3052, 0.2106**, and if you desaturate by 10%, it is **32.6955, 0.3093, 0.2600**.

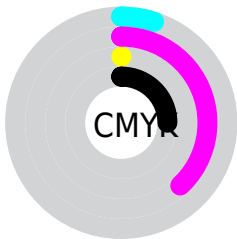
Distribution



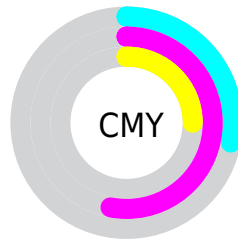
- Red (72%)
- Green (47%)
- Blue (75%)



- Red (72%)
- Yellow (47%)
- Blue (75%)



- Cyan (5%)
- Magenta (38%)
- Yellow (0%)
- Black (25%)





- Cyan (28%)
- Magenta (53%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.3060, 0.3074, 0.2347 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 27.3060, 0.3074, 0.2347 by changing the saturation by 10% instead.


 27.3060, 0.3074,
0.2347


 27.3060, 0.3074,
0.2347


289.1357, 0.3116,
0.2821


 17.8032, 0.3058,
0.2229


 55.3745, 0.3093,
0.2519

 10.8088, 0.3034,
0.2079


 74.7090, 0.3099,
0.2584

 5.9384, 0.2997,
0.1883


 98.0895, 0.3104,
0.2639

 2.8077, 0.2933,
0.1615

125.9003, 0.3107,
0.2685

 1.0322, 0.2811,
0.1240

158.5260, 0.3110,
0.2726

 0.0000, 0.2739,
0.0000

196.3508, 0.3113,

 0.0000, 0.0000,

0.2762

0.0000

239.7593, 0.3114,
0.2793

■ 27.3060, 0.3074,
0.2347

■ 27.3060, 0.3074,
0.2347

■ 22.8501, 0.3052,
0.2106

■ 32.6955, 0.3093,
0.2600

■ 19.2686, 0.3026,
0.1886

■ 39.0661, 0.3108,
0.2856

■ 16.5008, 0.2997,
0.1698


■ 46.4665, 0.3120,
0.3108

■ 14.4772, 0.2966,
0.1550


■ 54.9408, 0.3129,
0.3349


■ 13.1162, 0.2935,
0.1445

■ 64.5307, 0.3136,
0.3575

 12.2999, 0.2902,
0.1381

 75.2757, 0.3140,
0.3786

 12.1306, 0.2894,
0.1368

 87.2134, 0.3142,
0.3979

 87.9188, 0.3157,
0.3982

 88.2574, 0.3172,
0.3979

Harmonies

Analogous

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



27.3060, 0.2394, 0.2146



27.3060, 0.3074, 0.2347



27.3060, 0.3862, 0.2738

Triad

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



27.3060, 0.3074, 0.2347



27.3060, 0.4360, 0.4349



27.3060, 0.1936, 0.3101

Complementary

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



27.3060, 0.3074, 0.2347



43.7382, 0.3143, 0.4391

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.



27.3060, 0.2364, 0.3918



27.3060, 0.3074, 0.2347



27.3060, 0.3760, 0.4684

Square

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



27.3060, 0.3074, 0.2347



27.3060, 0.4645, 0.3817



27.3060, 0.3029, 0.4564



27.3060, 0.1806, 0.2487

Rectangle

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



27.3060, 0.3074, 0.2347



27.3060, 0.4307, 0.3072



27.3060, 0.3029, 0.4564



27.3060, 0.2046, 0.3364

Sweetspot

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



27.3072, 0.3074, 0.2347



79.0327, 0.3116, 0.3017



23.6583, 0.2470, 0.2320



16.5589, 0.3115, 0.2982



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



27.3072, 0.3074, 0.2347



42.7157, 0.3056, 0.2148



27.3812, 0.3461, 0.2684



10.1815, 0.3118, 0.3062



8.1827, 0.2898, 0.1370



0.3718, 0.2972, 0.1411

Inverse Universe

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



26.2273, 0.3917, 0.3168



40.5752, 0.4185, 0.3143



43.7947, 0.2899, 0.3990



10.0980, 0.3270, 0.3261



7.5917, 0.6225, 0.3203



0.3349, 0.5748, 0.2940

Previews

White Background



This preview shows how the Yxy color 27.3060, 0.3074, 0.2347 looks on a white background.

Color Contrast Check

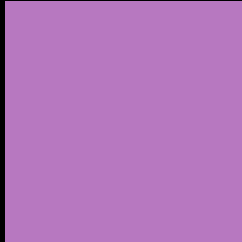
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.3060, 0.3074, 0.2347 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

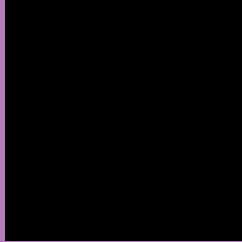
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.3060, 0.3074, 0.2347

Background



This preview shows how black text looks on a background with the Yxy color 27.3060, 0.3074, 0.2347.



This preview shows how white text looks on a background with the Yxy color 27.3060, 0.3074, 0.2347.

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

27.3060, 0.3074, 0.2347

Protanopia

27.6688, 0.2400, 0.2306

Deuteranopia

27.5861, 0.2625, 0.2575



Tritanopia

27.3858, 0.3540, 0.3145

Trichromacy



Original Color

27.3060, 0.3074, 0.2347

Protanomaly

26.9686, 0.2611, 0.2305

Deuteranomaly

27.0285, 0.2780, 0.2477

Tritanomaly

27.3005, 0.3366, 0.2825

Monochromacy



Original Color

27.3060, 0.3074, 0.2347

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

28.0092, 0.3113, 0.2901

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.3060, 0.3074, 0.2347 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(183, 120, 192)` looks like.

```
.text, #text, p{  
    color:rgb(183, 120, 192)  
}
```

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(183, 120, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 120, 192) }
```

Border

The CSS property to change the border of an element to Yxy 27.3060, 0.3074, 0.2347 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(183, 120, 192) }
```

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

```
.border{ border-color:rgb(183, 120, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 120, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 120, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 120, 192);  
box-shadow:4px 4px 4px 4px rgb(183, 120,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 27.3060, 0.3074, 0.2347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 120, 192) }
```

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

```
.background{ background-color: rgb(183,  
120, 192) }
```

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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