

Converting Colors

$Y_{xy}(26.0469, 0.3032, 0.2349)$

Have a look what the booklet for
Yxy(26.0469, 0.3032, 0.2349)
contains.

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Color

Yxy(26.0979, 0.3030, 0.2347)

Conversions

Conversions Part 1

Format	Color
Hex	B077BD
RGB	176, 119, 189
RGB Percent	69%, 47%, 74%
CMY	0.3097, 0.5334, 0.2588
CMYK	0.07, 0.37, 0.00, 0.26
HSL	289°, 35%, 60%
HSV	289°, 37%, 74%
XYZ	33.6926, 26.0979, 51.4063
YIQ	144.0230, 11.5020, 33.8540

Conversions

Conversions Part 2

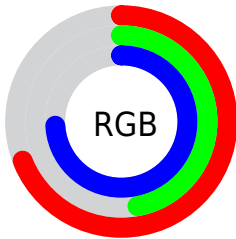
Format	Color
R _Y B	176, 119, 189
Decimal	11564989
CIE Lab	58.13, 34.34, -27.92
CIE LCh	58, 44.259, 320.882
Yxy	26.0979, 0.3030, 0.2347
Android (android.graphics.Color)	4289755069 (0xFFB077BD)
YUV	144.0230, 22.1737, 28.0438
Hunter-Lab	51.0861, 28.3248, -23.9013

Details

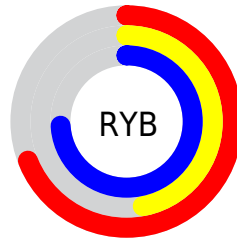
The Yxy color $26.0979, 0.3030, 0.2347$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $42.6291, 0.3176, 0.4363$, and the grayscale version is $27.8062, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.4213, 0.3065, 0.2525$, and $10.1431, 0.2978, 0.2079$ is the 20% darker color. If you saturate the color by 10%, you get $21.6366, 0.2992, 0.2096$, and if you desaturate by 10%, it is $31.4664, 0.3063, 0.2607$.

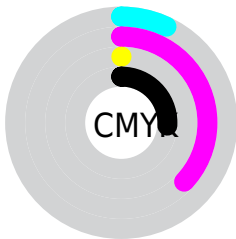
Distribution



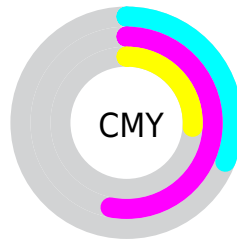
- Red (69%)
- Green (47%)
- Blue (74%)



- Red (69%)
- Yellow (47%)
- Blue (74%)



- Cyan (7%)
- Magenta (37%)
- Yellow (0%)
- Black (26%)




- Cyan (31%)
- Magenta (53%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.0979, 0.3030, 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 26.0979, 0.3030, 0.2347 by changing the saturation by 10% instead.


 26.0979, 0.3030,
0.2347


 26.0979, 0.3030,
0.2347


283.2623, 0.3095,
0.2825


 16.8969, 0.3008,
0.2227


 53.4328, 0.3058,
0.2522

 10.1610, 0.2975,
0.2074


 72.3356, 0.3067,
0.2587

 5.5058, 0.2926,
0.1871


 95.2410, 0.3075,
0.2642

 2.5470, 0.2843,
0.1594

122.5335, 0.3080,
0.2689

 0.9001, 0.2689,
0.1202

154.5975, 0.3085,
0.2730

 0.0000, 0.2480,
0.0000

191.8174, 0.3089,

 0.0000, 0.0000,

0.2766

0.0000

234.5775, 0.3093,
0.2797

■ 26.0979, 0.3030,
0.2347

■ 26.0979, 0.3030,
0.2347

■ 21.6366, 0.2992,
0.2096

■ 31.4664, 0.3063,
0.2607

■ 18.0259, 0.2950,
0.1865

■ 37.7878, 0.3091,
0.2867

■ 15.2077, 0.2904,
0.1663

■ 45.1086, 0.3114,
0.3119


■ 13.1154, 0.2856,
0.1500

■ 53.4714, 0.3132,
0.3360


■ 11.6714, 0.2807,
0.1380

■ 62.9162, 0.3147,
0.3584

 10.7678, 0.2758,
0.1304

 73.4810, 0.3158,
0.3792

 10.5446, 0.2744,
0.1285

 85.2017, 0.3166,
0.3982

 88.0366, 0.3185,
0.4014

 88.5368, 0.3207,
0.4009

Harmonies

Analogous

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



26.0979, 0.2376, 0.2163



26.0979, 0.3030, 0.2347



26.0979, 0.3800, 0.2722

Triad

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



26.0979, 0.3030, 0.2347



26.0979, 0.4364, 0.4302



26.0979, 0.1978, 0.3154

Complementary

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



26.0979, 0.3030, 0.2347



42.6291, 0.3176, 0.4363

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.



26.0979, 0.2416, 0.3952



26.0979, 0.3030, 0.2347



26.0979, 0.3791, 0.4643

Square

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



26.0979, 0.3030, 0.2347



26.0979, 0.4615, 0.3776



26.0979, 0.3078, 0.4555



26.0979, 0.1831, 0.2534

Rectangle

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



26.0979, 0.3030, 0.2347



26.0979, 0.4245, 0.3047



26.0979, 0.3078, 0.4555



26.0979, 0.2092, 0.3413

Sweetspot

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



26.0990, 0.3030, 0.2347



75.1495, 0.3105, 0.3016



24.3674, 0.2491, 0.2411



15.7781, 0.3102, 0.2982



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



26.0990, 0.3030, 0.2347



40.4809, 0.3001, 0.2154



26.8365, 0.3401, 0.2634



9.6046, 0.3109, 0.3062



7.1254, 0.2750, 0.1289



0.3027, 0.2866, 0.1353

Inverse Universe

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



25.6741, 0.3847, 0.3112



39.7283, 0.4075, 0.3076



42.2101, 0.2934, 0.4055



9.5645, 0.3260, 0.3248



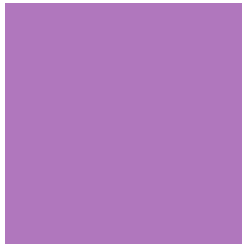
7.3693, 0.6089, 0.3128



0.2976, 0.5454, 0.2778

Previews

White Background



This preview shows how the Yxy color 26.0979, 0.3030, 0.2347 looks on a white background.

Color Contrast Check

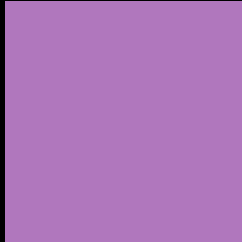
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0979, 0.3030, 0.2347 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

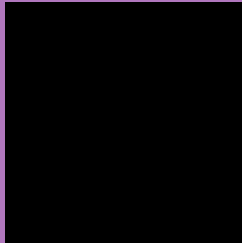
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.0979, 0.3030, 0.2347

Background



This preview shows how black text looks on a background with the Yxy color 26.0979, 0.3030, 0.2347.



This preview shows how white text looks on a background with the Yxy color 26.0979, 0.3030, 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

26.0979, 0.3030, 0.2347

Protanopia

26.3881, 0.2396, 0.2302

Deuteranopia

26.3469, 0.2616, 0.2563



Tritanopia

25.9996, 0.3487, 0.3140

Trichromacy



Original Color

26.0979, 0.3030, 0.2347

Protanomaly

25.8451, 0.2586, 0.2299

Deuteranomaly

25.8888, 0.2755, 0.2474

Tritanomaly

25.8722, 0.3323, 0.2825

Monochromacy



Original Color

26.0979, 0.3030, 0.2347

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

26.9339, 0.3102, 0.2909

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0979, 0.3030, 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(176, 119, 189)` looks like.

```
.text, #text, p{  
    color:rgb(176, 119, 189)  
}
```

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(176, 119, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 119, 189) }
```

Border

The CSS property to change the border of an element to Yxy 26.0979, 0.3030, 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(176, 119, 189) }
```

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

```
.border{ border-color:rgb(176, 119, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 119, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 119, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 119, 189);  
box-shadow:4px 4px 4px 4px rgb(176, 119,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0979, 0.3030, 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(176, 119, 189) }
```

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

```
.background{ background-color: rgb(176,  
119, 189) }
```

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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