

Converting Colors

$Y_{xy}(26.6084, 0.33338, 0.2597)$

Have a look what the booklet for
Yxy(26.6084, 0.3338, 0.2597)
contains.

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Color

Yxy(26.5730, 0.3332, 0.2589)

Conversions

Conversions Part 1

Format	Color
Hex	BA77AB
RGB	186, 119, 171
RGB Percent	73%, 47%, 67%
CMY	0.2706, 0.5333, 0.3293
CMYK	0.00, 0.36, 0.08, 0.27
HSL	313°, 33%, 60%
HSV	313°, 36%, 73%
XYZ	34.1990, 26.5730, 41.8661
YIQ	144.9610, 23.2400, 30.3760

Conversions

Conversions Part 2

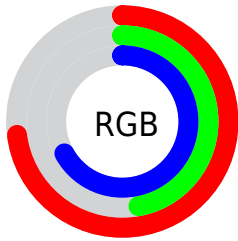
Format	Color
R _Y B	186, 119, 171
Decimal	12220331
CIE Lab	58.58, 34.17, -16.85
CIE LCh	59, 38.104, 333.751
Yxy	26.5730, 0.3332, 0.2589
Android (android.graphics.Color)	4290410411 (0xFFBA77AB)
YUV	144.9610, 12.8372, 35.9912
Hunter-Lab	51.5490, 28.2110, -12.0687

Details

The Yxy color **26.5730, 0.3332, 0.2589** is a light color, and the websafe version is hex **996699**. A complement of this color would be **40.7610, 0.2974, 0.4114**, and the grayscale version is **28.2394, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.0507, 0.3298, 0.2724**, and **10.4937, 0.3391, 0.2376** is the 20% darker color. If you saturate the color by 10%, you get **22.4156, 0.3407, 0.2401**, and if you desaturate by 10%, it is **31.6041, 0.3265, 0.2786**.

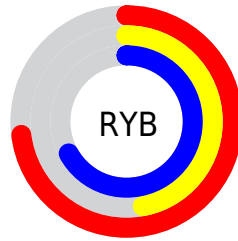
Distribution



Red (73%)

Green (47%)

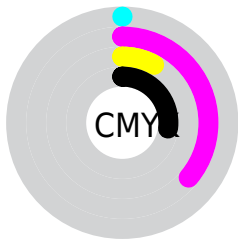
Blue (67%)



Red (73%)

Yellow (47%)

Blue (67%)

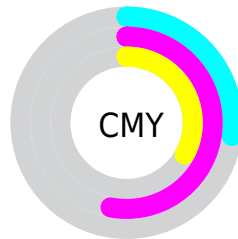


Cyan (0%)

Magenta (36%)

Yellow (8%)

Black (27%)



Cyan (27%)


Magenta (53%)

Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.5730, 0.3332, 0.2589 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 26.5730, 0.3332, 0.2589 by changing the saturation by 10% instead.

 26.5730, 0.3332,
0.2589


 26.5730, 0.3332,
0.2589


285.5837, 0.3230,
0.2951

 17.2528, 0.3357,
0.2496


 54.1979, 0.3295,
0.2723

 10.4149, 0.3389,
0.2374


 73.2714, 0.3281,
0.2772

 5.6749, 0.3431,
0.2209


 96.3648, 0.3269,
0.2814

 2.6484, 0.3487,
0.1975

123.8624, 0.3259,
0.2849

 0.9511, 0.3563,
0.1620

156.1487, 0.3250,
0.2880

 0.0000, 0.4046,
0.0000

193.6081, 0.3242,

 0.0000, 0.0000,

0.2907

0.0000

236.6250, 0.3236,
0.2930

■ 26.5730, 0.3332,
0.2589

■ 26.5730, 0.3332,
0.2589

■ 22.4156, 0.3407,
0.2401

■ 31.6041, 0.3265,
0.2786

■ 19.0776, 0.3488,
0.2230

■ 37.5521, 0.3206,
0.2984

■ 16.5041, 0.3574,
0.2088

■ 44.4614, 0.3154,
0.3177

■ 14.6318, 0.3663,
0.1982


■ 52.3727, 0.3110,
0.3362

■ 13.3876, 0.3751,
0.1921

■ 61.3243, 0.3073,
0.3537


 12.6776, 0.3837,
0.1906

 71.3524, 0.3041,
0.3699

 12.4658, 0.3870,
0.1906

 82.4914, 0.3015,
0.3848

 86.3327, 0.2992,
0.3859

 86.5353, 0.2970,
0.3811

Harmonies

Analogous

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



26.5730, 0.2702, 0.2348



26.5730, 0.3332, 0.2589



26.5730, 0.3961, 0.2980

Triad

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



26.5730, 0.3332, 0.2589



26.5730, 0.4022, 0.4331



26.5730, 0.2038, 0.2927

Complementary

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



26.5730, 0.3332, 0.2589



40.7610, 0.2974, 0.4114

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.



26.5730, 0.2323, 0.3565



26.5730, 0.3332, 0.2589



26.5730, 0.3458, 0.4463

Square

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



26.5730, 0.3332, 0.2589



26.5730, 0.4364, 0.3939



26.5730, 0.2835, 0.4179



26.5730, 0.2013, 0.2489

Rectangle

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



26.5730, 0.3332, 0.2589



26.5730, 0.4261, 0.3291



26.5730, 0.2835, 0.4179



26.5730, 0.2104, 0.3124

Sweetspot

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



26.5742, 0.3332, 0.2589



73.9030, 0.3180, 0.3078



21.7677, 0.2618, 0.2260



15.9039, 0.3187, 0.3052



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.



26.5742, 0.3332, 0.2589



42.2347, 0.3389, 0.2443



25.4675, 0.3733, 0.3025



9.1274, 0.3171, 0.3114



8.3981, 0.3860, 0.1900



0.3047, 0.3661, 0.1791

Inverse Universe

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



26.5742, 0.3332, 0.2589



42.2347, 0.3389, 0.2443



41.8310, 0.2749, 0.3578



9.1274, 0.3171, 0.3114



8.3981, 0.3860, 0.1900



0.3047, 0.3661, 0.1791

Previews

White Background



This preview shows how the Yxy color 26.5730, 0.3332, 0.2589 looks on a white background.

Color Contrast Check

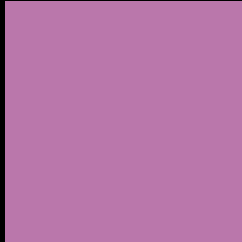
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5730, 0.3332, 0.2589 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

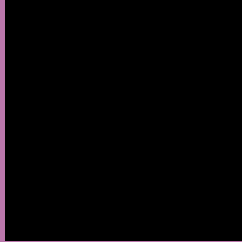
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.5730, 0.3332, 0.2589

Background



This preview shows how black text looks on a background with the Yxy color 26.5730, 0.3332, 0.2589.



This preview shows how white text looks on a background with the Yxy color 26.5730, 0.3332, 0.2589.

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

26.5730, 0.3332, 0.2589

Protanopia

26.9685, 0.2612, 0.2581

Deuteranopia

26.7549, 0.2880, 0.2821



Tritanopia

26.6444, 0.3686, 0.3148

Trichromacy



Original Color

26.5730, 0.3332, 0.2589

Protanomaly

26.3228, 0.2839, 0.2562

Deuteranomaly

26.3663, 0.3034, 0.2723

Tritanomaly

26.4031, 0.3549, 0.2925

Monochromacy



Original Color

26.5730, 0.3332, 0.2589

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.4150, 0.3206, 0.3017

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5730, 0.3332, 0.2589 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(186, 119, 171)` looks like.

```
.text, #text, p{  
    color:rgb(186, 119, 171)  
}
```

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(186, 119, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 119, 171) }
```

Border

The CSS property to change the border of an element to Yxy 26.5730, 0.3332, 0.2589 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(186, 119, 171) }
```

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

```
.border{ border-color:rgb(186, 119, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 119, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 119, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 119, 171);  
box-shadow:4px 4px 4px 4px rgb(186, 119,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5730, 0.3332, 0.2589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 119, 171) }
```

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

```
.background{ background-color: rgb(186,  
119, 171) }
```

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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