

Converting Colors

$Y_{xy}(26.1738, 0.3332, 0.2606)$

Have a look what the booklet for
Yxy(26.1738, 0.3332, 0.2606)
contains.

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Color

Yxy(26.2486, 0.3332, 0.2609)

Conversions

Conversions Part 1

Format	Color
Hex	B877A9
RGB	184, 119, 169
RGB Percent	72%, 47%, 66%
CMY	0.2785, 0.5333, 0.3372
CMYK	0.00, 0.35, 0.08, 0.28
HSL	314°, 31%, 59%
HSV	314°, 35%, 72%
XYZ	33.5226, 26.2486, 40.8367
YIQ	144.1350, 22.6900, 29.3300

Conversions

Conversions Part 2

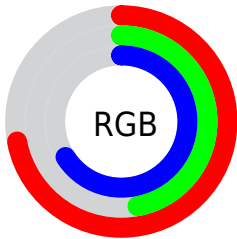
Format	Color
RYB	184, 119, 169
Decimal	12089257
CIELab	58.27, 33.13, -16.18
CIELCh	58, 36.866, 333.974
Yxy	26.2486, 0.3332, 0.2609
Android (android.graphics.Color)	4290279337 (0xFFB877A9)
YUV	144.1350, 12.2584, 34.9616
Hunter-Lab	51.2334, 27.1360, -11.3951

Details

The Yxy color **26.2486, 0.3332, 0.2609** is a light color, and the websafe version is hex **996699**. A complement of this color would be **39.9182, 0.2974, 0.4086**, and the grayscale version is **27.8908, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.5876, 0.3298, 0.2741**, and **10.2864, 0.3392, 0.2399** is the 20% darker color. If you saturate the color by 10%, you get **22.1290, 0.3408, 0.2421**, and if you desaturate by 10%, it is **31.2235, 0.3264, 0.2805**.

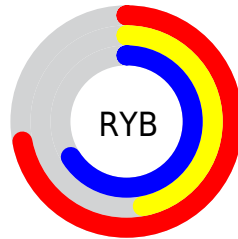
Distribution



Red (72%)

Green (47%)

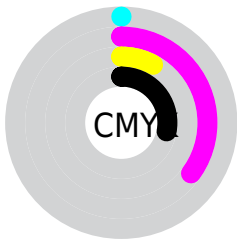
Blue (66%)



Red (72%)

Yellow (47%)

Blue (66%)

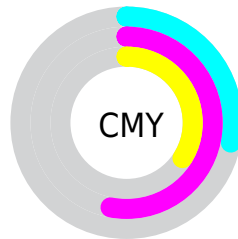


Cyan (0%)

Magenta (35%)

Yellow (8%)

Black (28%)



Cyan (28%)


Magenta (53%)


Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.2486, 0.3332, 0.2609 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 26.2486, 0.3332, 0.2609 by changing the saturation by 10% instead.


 26.2486, 0.3332,
0.2609


 26.2486, 0.3332,
0.2609

284.0003, 0.3229,
0.2962


 17.0097, 0.3358,
0.2517


 53.6757, 0.3294,
0.2740

 10.2414, 0.3391,
0.2398


 72.6328, 0.3280,
0.2788

 5.5593, 0.3434,
0.2235


 95.5980, 0.3268,
0.2829

 2.5790, 0.3492,
0.2002

122.9557, 0.3258,
0.2863

 0.9161, 0.3573,
0.1647

155.0904, 0.3249,
0.2893

 0.0000, 0.4046,
0.0000

192.3865, 0.3242,

 0.0000, 0.0000,

0.2919

0.0000

235.2283, 0.3235,
0.2942

■ 26.2486, 0.3332,
0.2609

■ 26.2486, 0.3332,
0.2609

■ 22.1290, 0.3408,
0.2421

■ 31.2235, 0.3264,
0.2805

■ 18.8118, 0.3492,
0.2251

■ 37.0953, 0.3204,
0.3001

■ 16.2443, 0.3581,
0.2107

■ 43.9072, 0.3152,
0.3192

■ 14.3654, 0.3672,
0.1999

■ 51.6986, 0.3107,
0.3374


■ 13.1047, 0.3764,
0.1936

■ 60.5065, 0.3069,
0.3546


 12.3754, 0.3853,
0.1918

 70.3661, 0.3038,
0.3705

 12.1282, 0.3894,
0.1919

 81.3109, 0.3011,
0.3853

 86.0174, 0.2988,
0.3877

 86.2223, 0.2965,
0.3827

Harmonies

Analogous

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



26.2486, 0.2718, 0.2372



26.2486, 0.3332, 0.2609



26.2486, 0.3941, 0.2992

Triad

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



26.2486, 0.3332, 0.2609



26.2486, 0.3996, 0.4306



26.2486, 0.2065, 0.2935

Complementary

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



26.2486, 0.3332, 0.2609



39.9182, 0.2974, 0.4086

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.



26.2486, 0.2342, 0.3553



26.2486, 0.3332, 0.2609



26.2486, 0.3447, 0.4427

Square

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



26.2486, 0.3332, 0.2609



26.2486, 0.4329, 0.3928



26.2486, 0.2841, 0.4148



26.2486, 0.2042, 0.2509

Rectangle

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



26.2486, 0.3332, 0.2609



26.2486, 0.4231, 0.3297



26.2486, 0.2841, 0.4148



26.2486, 0.2129, 0.3127

Sweetspot

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



26.2498, 0.3332, 0.2609



72.1477, 0.3181, 0.3080



21.6507, 0.2631, 0.2284



15.2043, 0.3188, 0.3055



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.



26.2498, 0.3332, 0.2609



41.9286, 0.3388, 0.2469



25.2034, 0.3716, 0.3030



9.1263, 0.3172, 0.3116



8.3715, 0.3884, 0.1913



0.3039, 0.3677, 0.1799

Inverse Universe

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



26.2498, 0.3332, 0.2609



41.9286, 0.3388, 0.2469



40.9347, 0.2756, 0.3571



9.1263, 0.3172, 0.3116



8.3715, 0.3884, 0.1913



0.3039, 0.3677, 0.1799

Previews

White Background



This preview shows how the Yxy color 26.2486, 0.3332, 0.2609 looks on a white background.

Color Contrast Check

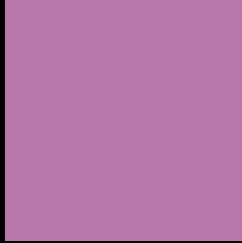
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2486, 0.3332, 0.2609 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

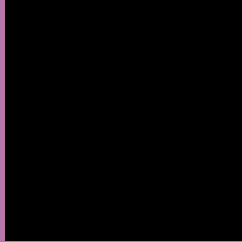
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.2486, 0.3332, 0.2609

Background



This preview shows how black text looks on a background with the Yxy color 26.2486, 0.3332, 0.2609.



This preview shows how white text looks on a background with the Yxy color 26.2486, 0.3332, 0.2609.

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

26.2486, 0.3332, 0.2609

Protanopia

26.5513, 0.2633, 0.2606

Deuteranopia

26.3953, 0.2898, 0.2834



Tritanopia

26.3743, 0.3675, 0.3161

Trichromacy



Original Color

26.2486, 0.3332, 0.2609

Protanomaly

26.1064, 0.2856, 0.2599

Deuteranomaly

25.9234, 0.3044, 0.2734

Tritanomaly

26.0963, 0.3549, 0.2949

Monochromacy



Original Color

26.2486, 0.3332, 0.2609

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

26.9988, 0.3206, 0.3015

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.2486, 0.3332, 0.2609 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(184, 119, 169)` looks like.

```
.text, #text, p{  
    color:rgb(184, 119, 169)  
}
```

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(184, 119, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 119, 169) }
```

Border

The CSS property to change the border of an element to Yxy 26.2486, 0.3332, 0.2609 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(184, 119, 169) }
```

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

```
.border{ border-color:rgb(184, 119, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 119, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 119, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 119, 169);  
box-shadow:4px 4px 4px 4px rgb(184, 119,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 26.2486, 0.3332, 0.2609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 119, 169) }
```

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

```
.background{ background-color: rgb(184,  
119, 169) }
```

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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