

Converting Colors

$Y_{xy}(26.5704, 0.3309, 0.2458)$

Have a look what the booklet for
Yxy(26.5704, 0.3309, 0.2458)
contains.

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Color

Yxy(26.5925, 0.3303, 0.2457)

Conversions

Conversions Part 1

Format	Color
Hex	BF73B3
RGB	191, 115, 179
RGB Percent	75%, 45%, 70%
CMY	0.2510, 0.5490, 0.2981
CMYK	0.00, 0.40, 0.06, 0.25
HSL	309°, 37%, 60%
HSV	309°, 40%, 75%
XYZ	35.7489, 26.5925, 45.8902
YIQ	145.0200, 24.7520, 36.0160

Conversions

Conversions Part 2

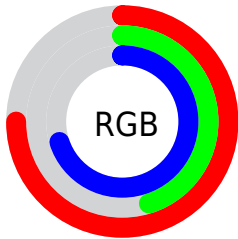
Format	Color
RYB	191, 115, 179
Decimal	12546995
CIELab	58.60, 39.39, -21.34
CIElCh	59, 44.798, 331.554
Yxy	26.5925, 0.3303, 0.2457
Android (android.graphics.Color)	4290737075 (0xFFBF73B3)
YUV	145.0200, 16.7521, 40.3245
Hunter-Lab	51.5679, 33.4993, -16.6645

Details

The Yxy color **26.5925, 0.3303, 0.2457** is a light color, and the websafe version is hex **996699**. A complement of this color would be **42.4327, 0.2993, 0.4300**, and the grayscale version is **28.2481, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.1432, 0.3278, 0.2607**, and **10.4074, 0.3346, 0.2211** is the 20% darker color. If you saturate the color by 10%, you get **22.5586, 0.3359, 0.2263**, and if you desaturate by 10%, it is **31.5338, 0.3251, 0.2665**.

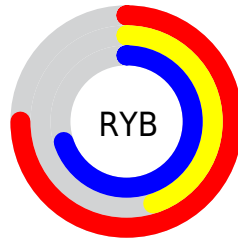
Distribution



Red (75%)

Green (45%)

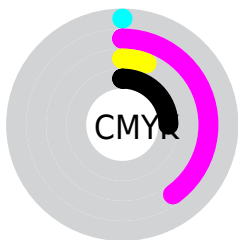
Blue (70%)



Red (75%)

Yellow (45%)

Blue (70%)

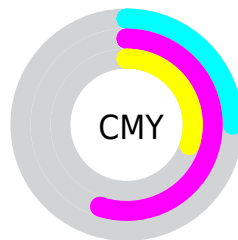


Cyan (0%)

Magenta (40%)

Yellow (6%)

Black (25%)



Cyan (25%)


Magenta (55%)

Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.5925, 0.3303, 0.2457 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 26.5925, 0.3303, 0.2457 by changing the saturation by 10% instead.


 26.5925, 0.3303,
0.2457

 26.5925, 0.3303,
0.2457


285.6786, 0.3220,
0.2881


 17.2674, 0.3322,
0.2350


 54.2293, 0.3274,
0.2612

 10.4253, 0.3344,
0.2211


 73.3097, 0.3263,
0.2670

 5.6819, 0.3371,
0.2027


 96.4108, 0.3253,
0.2719

 2.6526, 0.3401,
0.1771

123.9168, 0.3245,
0.2761

 0.9532, 0.3429,
0.1398

156.2122, 0.3238,
0.2797

 0.0000, 0.3729,
0.0000

193.6814, 0.3231,

 0.0000, 0.0000,

0.2829

0.0000

236.7087, 0.3225,
0.2856

■ 26.5925, 0.3303,
0.2457

■ 26.5925, 0.3303,
0.2457

■ 22.5586, 0.3359,
0.2263

■ 31.5338, 0.3251,
0.2665

■ 19.3723, 0.3419,
0.2092

■ 37.4302, 0.3204,
0.2878

■ 16.9724, 0.3479,
0.1953


■ 44.3304, 0.3163,
0.3090

■ 15.2879, 0.3540,
0.1856


■ 52.2787, 0.3126,
0.3294

■ 14.2350, 0.3598,
0.1802

■ 61.3168, 0.3095,
0.3489

 13.6530, 0.3653,
0.1787

 71.4840, 0.3068,
0.3670

 13.6413, 0.3655,
0.1787

 82.8179, 0.3045,
0.3839

 86.9112, 0.3028,
0.3868

 87.0565, 0.3011,
0.3833

Harmonies

Analogous

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



26.5925, 0.2581, 0.2199



26.5925, 0.3303, 0.2457



26.5925, 0.4058, 0.2887

Triad

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



26.5925, 0.3303, 0.2457



26.5925, 0.4193, 0.4462



26.5925, 0.1886, 0.2899

Complementary

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



26.5925, 0.3303, 0.2457



42.4327, 0.2993, 0.4300

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.



26.5925, 0.2223, 0.3668



26.5925, 0.3303, 0.2457



26.5925, 0.3546, 0.4682

Square

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



26.5925, 0.3303, 0.2457



26.5925, 0.4581, 0.3974



26.5925, 0.2824, 0.4397



26.5925, 0.1842, 0.2381

Rectangle

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



26.5925, 0.3303, 0.2457



26.5925, 0.4431, 0.3234



26.5925, 0.2824, 0.4397



26.5925, 0.1965, 0.3135

Sweetspot

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



26.5937, 0.3303, 0.2457



76.2594, 0.3172, 0.3039



20.4932, 0.2504, 0.2120



16.3770, 0.3178, 0.3012



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.



26.5937, 0.3303, 0.2457



41.0740, 0.3353, 0.2282



25.2806, 0.3760, 0.2928



9.6697, 0.3161, 0.3099



8.9765, 0.3648, 0.1783



0.3587, 0.3526, 0.1716

Inverse Universe

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



26.5937, 0.3303, 0.2457



41.0740, 0.3353, 0.2282



43.5947, 0.2748, 0.3693



9.6697, 0.3161, 0.3099



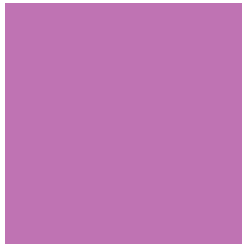
8.9765, 0.3648, 0.1783



0.3587, 0.3526, 0.1716

Previews

White Background



This preview shows how the Yxy color 26.5925, 0.3303, 0.2457 looks on a white background.

Color Contrast Check

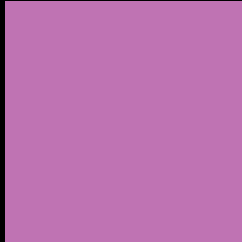
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5925, 0.3303, 0.2457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

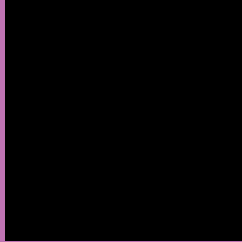
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.5925, 0.3303, 0.2457

Background



This preview shows how black text looks on a background with the Yxy color 26.5925, 0.3303, 0.2457.



This preview shows how white text looks on a background with the Yxy color 26.5925, 0.3303, 0.2457.

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

26.5925, 0.3303, 0.2457

Protanopia

26.7815, 0.2490, 0.2414

Deuteranopia

26.6754, 0.2779, 0.2715



Tritanopia

26.4508, 0.3754, 0.3150

Trichromacy



Original Color

26.5925, 0.3303, 0.2457

Protanomaly

25.9789, 0.2740, 0.2413

Deuteranomaly

26.2680, 0.2956, 0.2612

Tritanomaly

26.4415, 0.3588, 0.2890

Monochromacy



Original Color

26.5925, 0.3303, 0.2457

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.1659, 0.3199, 0.2944

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5925, 0.3303, 0.2457 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(191, 115, 179)` looks like.

```
.text, #text, p{  
    color:rgb(191, 115, 179)  
}
```

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(191, 115, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 115, 179) }
```

Border

The CSS property to change the border of an element to Yxy 26.5925, 0.3303, 0.2457 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(191, 115, 179) }
```

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

```
.border{ border-color:rgb(191, 115, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 115, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 115, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 115, 179);  
box-shadow:4px 4px 4px 4px rgb(191, 115,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5925, 0.3303, 0.2457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 115, 179) }
```

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

```
.background{ background-color: rgb(191,  
115, 179) }
```

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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