

Converting Colors

$Y_{xy}(26.5343, 0.3404, 0.2598)$

Have a look what the booklet for
Yxy(26.5343, 0.3404, 0.2598)
contains.

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Color

Yxy(26.5343, 0.3404, 0.2598)

Conversions

Conversions Part 1

Format	Color
Hex	BE75A9
RGB	190, 117, 169
RGB Percent	75%, 46%, 66%
CMY	0.2547, 0.5413, 0.3372
CMYK	0.00, 0.38, 0.11, 0.25
HSL	317°, 36%, 60%
HSV	317°, 38%, 75%
XYZ	34.7663, 26.5343, 40.8330
YIQ	144.7550, 26.8160, 31.6480

Conversions

Conversions Part 2

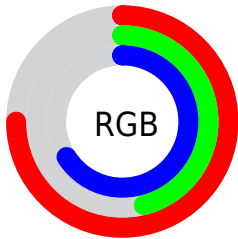
Format	Color
R_{YB}	190, 117, 169
Decimal	12481961
CIE _{Lab}	58.54, 36.29, -15.71
CIE _{LCh}	59, 39.541, 336.592
Yxy	26.5343, 0.3404, 0.2598
Android (android.graphics.Color)	4290672041 (0xFFBE75A9)
YUV	144.7550, 11.9528, 39.6799
Hunter-Lab	51.5115, 30.3287, -10.9410

Details

The Yxy color **26.5343, 0.3404, 0.2598** is a light color, and the websafe version is hex **996699**. A complement of this color would be **42.4597, 0.2933, 0.4105**, and the grayscale version is **28.1537, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.9054, 0.3351, 0.2729**, and **10.3317, 0.3482, 0.2375** is the 20% darker color. If you saturate the color by 10%, you get **22.3473, 0.3502, 0.2425**, and if you desaturate by 10%, it is **31.6312, 0.3317, 0.2780**.

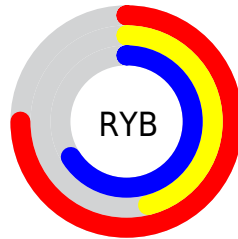
Distribution



Red (75%)

Green (46%)

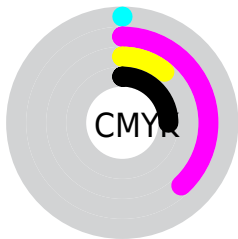
Blue (66%)



Red (75%)

Yellow (46%)

Blue (66%)

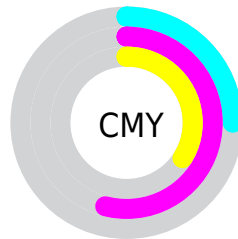


Cyan (0%)

Magenta (38%)

Yellow (11%)

Black (25%)



Cyan (25%)

Magenta (54%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.5343, 0.3404, 0.2598 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 26.5343, 0.3404, 0.2598 by changing the saturation by 10% instead.

 26.5343, 0.3404,
0.2598


 26.5343, 0.3404,
0.2598


285.3952, 0.3262,
0.2955


 17.2238, 0.3440,
0.2506


 54.1357, 0.3352,
0.2730

 10.3942, 0.3487,
0.2385


 73.1953, 0.3333,
0.2779

 5.6611, 0.3550,
0.2222


 96.2734, 0.3316,
0.2820

 2.6401, 0.3638,
0.1990

123.7544, 0.3302,
0.2855

 0.9469, 0.3768,
0.1637

156.0227, 0.3290,
0.2885

 0.0000, 0.4426,
0.0000

193.4626, 0.3280,

 0.0000, 0.0000,

0.2912

0.0000

236.4587, 0.3271,
0.2935

■ 26.5343, 0.3404,
0.2598

■ 26.5343, 0.3404,
0.2598

■ 22.3473, 0.3502,
0.2425

■ 31.6312, 0.3317,
0.2780

■ 19.0116, 0.3611,
0.2272

■ 37.6845, 0.3240,
0.2964

■ 16.4678, 0.3727,
0.2147


■ 44.7421, 0.3175,
0.3144

■ 14.6467, 0.3847,
0.2063


■ 52.8474, 0.3119,
0.3316


■ 13.4678, 0.3967,
0.2024

■ 62.0414, 0.3072,
0.3478

 12.7998, 0.4084,
0.2031

 72.3627, 0.3033,
0.3629

 12.7115, 0.4102,
0.2034

 83.8482, 0.3000,
0.3769

 87.2644, 0.2970,
0.3757

 87.5464, 0.2941,
0.3695

Harmonies

Analogous

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



26.5343, 0.2742, 0.2333



26.5343, 0.3404, 0.2598



26.5343, 0.4045, 0.3011

Triad

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



26.5343, 0.3404, 0.2598



26.5343, 0.4003, 0.4395



26.5343, 0.1987, 0.2857

Complementary

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



26.5343, 0.3404, 0.2598



42.4597, 0.2933, 0.4105

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.



26.5343, 0.2254, 0.3507



26.5343, 0.3404, 0.2598



26.5343, 0.3405, 0.4502

Square

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



26.5343, 0.3404, 0.2598



26.5343, 0.4389, 0.4001



26.5343, 0.2765, 0.4167



26.5343, 0.1988, 0.2431

Rectangle

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



26.5343, 0.3404, 0.2598



26.5343, 0.4336, 0.3335



26.5343, 0.2765, 0.4167



26.5343, 0.2047, 0.3055

Sweetspot

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



26.5355, 0.3404, 0.2598



76.0293, 0.3198, 0.3077



21.8136, 0.2622, 0.2193



16.3212, 0.3207, 0.3053



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.



26.5355, 0.3404, 0.2598



41.6553, 0.3485, 0.2454



25.3585, 0.3856, 0.3073



9.6482, 0.3180, 0.3128



8.4626, 0.4088, 0.2025



0.3423, 0.3832, 0.1884

Inverse Universe

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



26.5355, 0.3404, 0.2598



41.6553, 0.3485, 0.2454



43.6888, 0.2696, 0.3525



9.6482, 0.3180, 0.3128



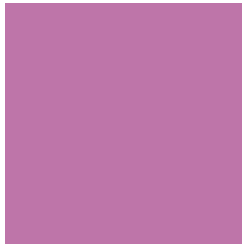
8.4626, 0.4088, 0.2025



0.3423, 0.3832, 0.1884

Previews

White Background



This preview shows how the Yxy color 26.5343, 0.3404, 0.2598 looks on a white background.

Color Contrast Check

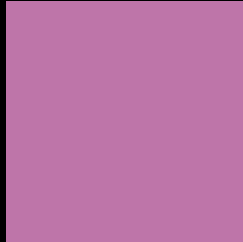
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5343, 0.3404, 0.2598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

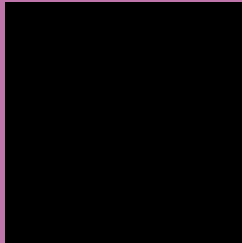
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.5343, 0.3404, 0.2598

Background



This preview shows how black text looks on a background with the Yxy color 26.5343, 0.3404, 0.2598.



This preview shows how white text looks on a background with the Yxy color 26.5343, 0.3404, 0.2598.

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

26.5343, 0.3404, 0.2598

Protanopia

26.9261, 0.2620, 0.2595

Deuteranopia

26.7332, 0.2917, 0.2866



Tritanopia

26.5479, 0.3778, 0.3165

Trichromacy



Original Color

26.5343, 0.3404, 0.2598

Protanomaly

26.3365, 0.2867, 0.2590

Deuteranomaly

26.1920, 0.3086, 0.2753

Tritanomaly

26.3149, 0.3638, 0.2944

Monochromacy



Original Color

26.5343, 0.3404, 0.2598

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.2381, 0.3218, 0.3002

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5343, 0.3404, 0.2598 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(190, 117, 169)` looks like.

```
.text, #text, p{  
    color:rgb(190, 117, 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(190, 117, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 117, 169) }
```

Border

The CSS property to change the border of an element to Yxy 26.5343, 0.3404, 0.2598 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(190, 117, 169) }
```

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

```
.border{ border-color:rgb(190, 117, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 117, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 117, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 117, 169);  
box-shadow:4px 4px 4px 4px rgb(190, 117,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5343, 0.3404, 0.2598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 117, 169) }
```

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

```
.background{ background-color: rgb(190,  
117, 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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