

Converting Colors

$Y_{xy}(26.1781, 0.3423, 0.2574)$

Have a look what the booklet for
Yxy(26.1781, 0.3423, 0.2574)
contains.

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Color

Yxy(26.2024, 0.3418, 0.2575)

Conversions

Conversions Part 1

Format	Color
Hex	BF73A9
RGB	191, 115, 169
RGB Percent	75%, 45%, 66%
CMY	0.2510, 0.5490, 0.3371
CMYK	0.00, 0.40, 0.12, 0.25
HSL	317°, 37%, 60%
HSV	317°, 40%, 75%
XYZ	34.7805, 26.2024, 40.7740
YIQ	143.8800, 27.9620, 32.9060

Conversions

Conversions Part 2

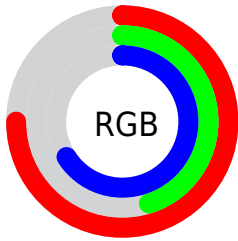
Format	Color
RYB	191, 115, 169
Decimal	12546985
CIELab	58.23, 37.68, -16.18
CIELCh	58, 41.006, 336.765
Yxy	26.2024, 0.3418, 0.2575
Android (android.graphics.Color)	4290737065 (0xFFBF73A9)
YUV	143.8800, 12.3842, 41.3242
Hunter-Lab	51.1883, 31.7045, -11.3956

Details

The Yxy color **26.2024, 0.3418, 0.2575** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **42.7131, 0.2927, 0.4137**, and the grayscale version is **27.7808, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.5268, 0.3370, 0.2712**, and **10.1854, 0.3504, 0.2348** is the 20% darker color. If you saturate the color by 10%, you get **22.0865, 0.3518, 0.2405**, and if you desaturate by 10%, it is **31.2319, 0.3329, 0.2756**.

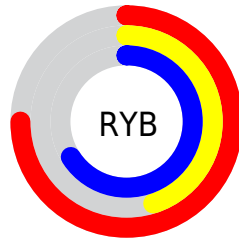
Distribution



Red (75%)

Green (45%)

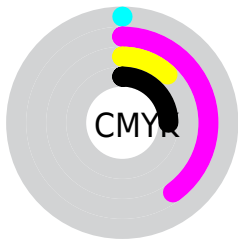
Blue (66%)



Red (75%)

Yellow (45%)

Blue (66%)

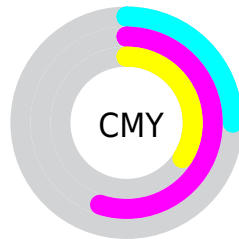


Cyan (0%)

Magenta (40%)

Yellow (12%)

Black (25%)



Cyan (25%)


Magenta (55%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.2024, 0.3418, 0.2575 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 26.2024, 0.3418, 0.2575 by changing the saturation by 10% instead.


 26.2024, 0.3418,
0.2575


 26.2024, 0.3418,
0.2575


283.7742, 0.3269,
0.2944


 16.9751, 0.3456,
0.2480


 53.6013, 0.3363,
0.2712

 10.2168, 0.3505,
0.2355


 72.5417, 0.3343,
0.2762

 5.5429, 0.3571,
0.2187


 95.4886, 0.3326,
0.2805

 2.5692, 0.3664,
0.1948

122.8263, 0.3311,
0.2841

 0.9112, 0.3801,
0.1587

154.9394, 0.3298,
0.2872

 0.0000, 0.4443,
0.0000

192.2121, 0.3287,

 0.0000, 0.0000,

0.2899

0.0000

235.0290, 0.3278,
0.2923

■ 26.2024, 0.3418,
0.2575

■ 26.2024, 0.3418,
0.2575

■ 22.0865, 0.3518,
0.2405

■ 31.2319, 0.3329,
0.2756

■ 18.8244, 0.3628,
0.2254

■ 37.2229, 0.3251,
0.2940

■ 16.3546, 0.3746,
0.2135


■ 44.2241, 0.3183,
0.3120

■ 14.6062, 0.3867,
0.2057


■ 52.2799, 0.3126,
0.3294

■ 13.4950, 0.3987,
0.2025


■ 61.4322, 0.3078,
0.3457

 12.8599, 0.4105,
0.2036

 71.7204, 0.3037,
0.3609

 12.8480, 0.4108,
0.2037

 83.1821, 0.3003,
0.3750

 87.4114, 0.2973,
0.3751

 87.6971, 0.2944,
0.3688

Harmonies

Analogous

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



26.2024, 0.2729, 0.2300



26.2024, 0.3418, 0.2575



26.2024, 0.4087, 0.3002

Triad

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



26.2024, 0.3418, 0.2575



26.2024, 0.4030, 0.4438



26.2024, 0.1946, 0.2833

Complementary

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



26.2024, 0.3418, 0.2575



42.7131, 0.2927, 0.4137

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.



26.2024, 0.2218, 0.3510



26.2024, 0.3418, 0.2575



26.2024, 0.3408, 0.4555

Square

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



26.2024, 0.3418, 0.2575



26.2024, 0.4436, 0.4025



26.2024, 0.2744, 0.4204



26.2024, 0.1948, 0.2395

Rectangle

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



26.2024, 0.3418, 0.2575



26.2024, 0.4388, 0.3336



26.2024, 0.2744, 0.4204



26.2024, 0.2005, 0.3038

Sweetspot

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



26.2036, 0.3418, 0.2575



76.0269, 0.3198, 0.3078



21.3020, 0.2600, 0.2149



16.3206, 0.3207, 0.3054



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.



26.2036, 0.3418, 0.2575



40.2442, 0.3508, 0.2421



24.9894, 0.3894, 0.3065



9.6480, 0.3181, 0.3128



8.4578, 0.4093, 0.2028



0.3421, 0.3835, 0.1886

Inverse Universe

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



26.2036, 0.3418, 0.2575



40.2442, 0.3508, 0.2421



43.9847, 0.2684, 0.3535



9.6480, 0.3181, 0.3128



8.4578, 0.4093, 0.2028



0.3421, 0.3835, 0.1886

Previews

White Background



This preview shows how the Yxy color 26.2024, 0.3418, 0.2575 looks on a white background.

Color Contrast Check

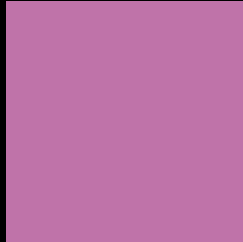
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2024, 0.3418, 0.2575 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

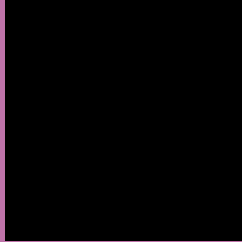
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.2024, 0.3418, 0.2575

Background



This preview shows how black text looks on a background with the Yxy color 26.2024, 0.3418, 0.2575.



This preview shows how white text looks on a background with the Yxy color 26.2024, 0.3418, 0.2575.

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

26.2024, 0.3418, 0.2575

Protanopia

26.5224, 0.2593, 0.2562

Deuteranopia

26.3587, 0.2907, 0.2849



Tritanopia

26.1498, 0.3810, 0.3151

Trichromacy



Original Color

26.2024, 0.3418, 0.2575

Protanomaly

25.7446, 0.2846, 0.2545

Deuteranomaly

25.9273, 0.3087, 0.2738

Tritanomaly

25.9294, 0.3668, 0.2931

Monochromacy



Original Color

26.2024, 0.3418, 0.2575

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

26.6520, 0.3231, 0.2986

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.2024, 0.3418, 0.2575 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, 169)` looks like.

```
.text, #text, p{  
    color:rgb(191, 115, 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(191, 115, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 115, 169) }
```

Border

The CSS property to change the border of an element to Yxy 26.2024, 0.3418, 0.2575 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, 169) }
```

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

```
.border{ border-color:rgb(191, 115, 169) }
```

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, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 115, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 115, 169);  
box-shadow:4px 4px 4px 4px rgb(191, 115,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 26.2024, 0.3418, 0.2575 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, 169) }
```

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

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