

Converting Colors

$Y_{xy}(25.3599, 0.3444, 0.2354)$

Have a look what the booklet for
Yxy(25.3599, 0.3444, 0.2354)
contains.

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Color

Yxy(25.3324, 0.3444, 0.2359)

Conversions

Conversions Part 1

Format	Color
Hex	C967B2
RGB	201, 103, 178
RGB Percent	79%, 40%, 70%
CMY	0.2116, 0.5962, 0.3019
CMYK	0.00, 0.49, 0.11, 0.21
HSL	314°, 48%, 60%
HSV	314°, 49%, 79%
XYZ	36.9838, 25.3324, 45.0700
YIQ	140.8520, 34.3330, 44.1010

Conversions

Conversions Part 2

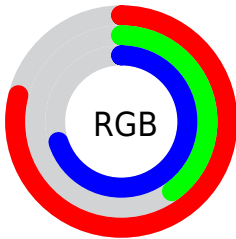
Format	Color
R _Y B	201, 103, 178
Decimal	13199282
CIE Lab	57.40, 48.66, -22.50
CIE LCh	57, 53.611, 335.180
Yxy	25.3324, 0.3444, 0.2359
Android (android.graphics.Color)	4291389362 (0xFFC967B2)
YUV	140.8520, 18.3140, 52.7498
Hunter-Lab	50.3313, 43.0833, -17.8603

Details

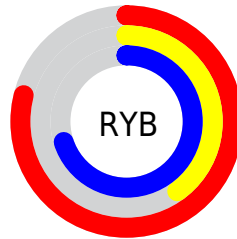
The Yxy color **25.3324, 0.3444, 0.2359** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **46.1821, 0.2923, 0.4462**, and the grayscale version is **26.4909, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.3145, 0.3347, 0.2520**, and **9.7816, 0.3536, 0.2094** is the 20% darker color. If you saturate the color by 10%, you get **21.6186, 0.3532, 0.2197**, and if you desaturate by 10%, it is **30.0164, 0.3363, 0.2542**.

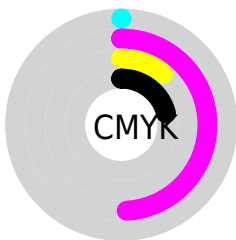
Distribution



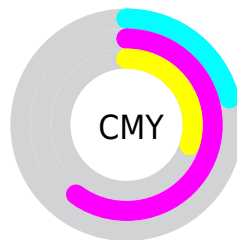
- Red (79%)
- Green (40%)
- Blue (70%)



- Red (79%)
- Yellow (40%)
- Blue (70%)



- Cyan (0%)
- Magenta (49%)
- Yellow (11%)
- Black (21%)



- Cyan (21%)
- Magenta (60%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.3324, 0.3444, 0.2359 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 25.3324, 0.3444, 0.2359 by changing the saturation by 10% instead.


 25.3324, 0.3444,
0.2359


 25.3324, 0.3444,
0.2359


279.4893, 0.3288,
0.2831


 16.3249, 0.3482,
0.2241


 52.1960, 0.3388,
0.2531


 9.7543, 0.3529,
0.2089


 70.8208, 0.3367,
0.2596

 5.2364, 0.3590,
0.1887


 93.4202, 0.3349,
0.2650

 2.3866, 0.3669,
0.1611

 120.3785, 0.3333,
0.2697

 0.8190, 0.3771,
0.1215

152.0802, 0.3319,
0.2737

 0.0000, 0.4151,
0.0000

188.9096, 0.3308,

 0.0000, 0.0000,

0.2772

0.0000

231.2512, 0.3297,
0.2803

■ 25.3324, 0.3444,
0.2359

■ 25.3324, 0.3444,
0.2359

■ 21.6186, 0.3532,
0.2197

■ 30.0164, 0.3363,
0.2542

■ 18.8012, 0.3625,
0.2066

■ 35.7303, 0.3290,
0.2736

■ 16.8019, 0.3719,
0.1975


■ 42.5330, 0.3226,
0.2933


■ 15.5269, 0.3812,
0.1930

■ 50.4779, 0.3170,
0.3126


■ 14.8240, 0.3903,
0.1929


■ 59.6152, 0.3122,
0.3312

 14.7516, 0.3914,
0.1930

 69.9918, 0.3081,
0.3488

 81.6522, 0.3047,
0.3651

 88.8901, 0.3018,
0.3715

 89.1375, 0.2993,
0.3662

Harmonies

Analogous

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



25.3324, 0.2558, 0.2035



25.3324, 0.3444, 0.2359



25.3324, 0.4353, 0.2869

Triad

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



25.3324, 0.3444, 0.2359



25.3324, 0.4285, 0.4722



25.3324, 0.1641, 0.2700

Complementary

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



25.3324, 0.3444, 0.2359



46.1821, 0.2923, 0.4462

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.



25.3324, 0.1975, 0.3617



25.3324, 0.3444, 0.2359



25.3324, 0.3487, 0.4994

Square

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



25.3324, 0.3444, 0.2359



25.3324, 0.4823, 0.4129



25.3324, 0.2641, 0.4585



25.3324, 0.1638, 0.2150

Rectangle

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



25.3324, 0.3444, 0.2359



25.3324, 0.4769, 0.3270



25.3324, 0.2641, 0.4585



25.3324, 0.1713, 0.2970

Sweetspot

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



25.3336, 0.3444, 0.2359



77.4120, 0.3205, 0.3002



18.3385, 0.2401, 0.1836



15.9702, 0.3217, 0.2961



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



25.3336, 0.3444, 0.2359



36.4220, 0.3541, 0.2182



23.7067, 0.4100, 0.2953



10.7724, 0.3173, 0.3115



9.2854, 0.3902, 0.1923



0.4503, 0.3729, 0.1828

Inverse Universe

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



25.3336, 0.3444, 0.2359



36.4220, 0.3541, 0.2182



47.7668, 0.2634, 0.3677



10.7724, 0.3173, 0.3115



9.2854, 0.3902, 0.1923



0.4503, 0.3729, 0.1828

Previews

White Background



This preview shows how the Yxy color 25.3324, 0.3444, 0.2359 looks on a white background.

Color Contrast Check

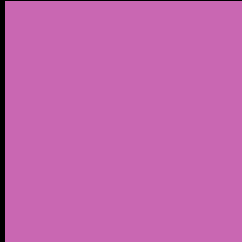
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.3324, 0.3444, 0.2359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

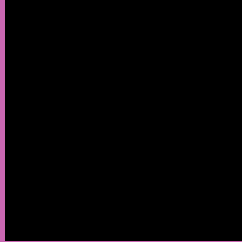
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.3324, 0.3444, 0.2359

Background



This preview shows how black text looks on a background with the Yxy color 25.3324, 0.3444, 0.2359.



This preview shows how white text looks on a background with the Yxy color 25.3324, 0.3444, 0.2359.

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

25.3324, 0.3444, 0.2359

Protanopia

25.6331, 0.2382, 0.2279

Deuteranopia

25.6552, 0.2765, 0.2719



Tritanopia

25.2936, 0.4055, 0.3184

Trichromacy



Original Color

25.3324, 0.3444, 0.2359

Protanomaly

24.5134, 0.2690, 0.2275

Deuteranomaly

24.7404, 0.2985, 0.2551

Tritanomaly

25.2224, 0.3827, 0.2867

Monochromacy



Original Color

25.3324, 0.3444, 0.2359

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

25.2984, 0.3250, 0.2882

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.3324, 0.3444, 0.2359 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(201, 103, 178)` looks like.

```
.text, #text, p{  
    color:rgb(201, 103, 178)  
}
```

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(201, 103, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 103, 178) }
```

Border

The CSS property to change the border of an element to Yxy 25.3324, 0.3444, 0.2359 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(201, 103, 178) }
```

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

```
.border{ border-color:rgb(201, 103, 178) }
```

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

Here you see how a box with a 4 pixel rgb(201, 103, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 103, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 103, 178);  
box-shadow:4px 4px 4px 4px rgb(201, 103,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 25.3324, 0.3444, 0.2359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 103, 178) }
```

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

```
.background{ background-color: rgb(201,  
103, 178) }
```

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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