

Converting Colors

$Y_{xy}(25.4632, 0.3884, 0.2906)$

Have a look what the booklet for
Yxy(25.4632, 0.3884, 0.2906)
contains.

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Color

Yxy(25.4341, 0.3878, 0.2897)

Conversions

Conversions Part 1

Format	Color
Hex	C76F8D
RGB	199, 111, 141
RGB Percent	78%, 44%, 55%
CMY	0.2196, 0.5647, 0.4471
CMYK	0.00, 0.44, 0.29, 0.22
HSL	340°, 44%, 61%
HSV	340°, 44%, 78%
XYZ	34.0468, 25.4341, 28.3138
YIQ	140.7320, 42.8180, 27.9860

Conversions

Conversions Part 2

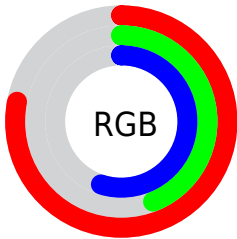
Format	Color
RYB	199, 111, 141
Decimal	13070221
CIELab	57.50, 38.31, -0.94
CIELCh	57, 38.317, 358.595
Yxy	25.4341, 0.3878, 0.2897
Android (android.graphics.Color)	4291260301 (0xFFC76F8D)
YUV	140.7320, 0.1321, 51.1010
Hunter-Lab	50.4322, 32.2488, 2.0159

Details

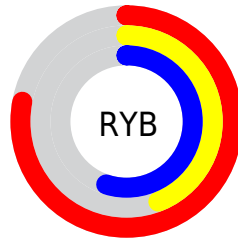
The Yxy color $25.4341, 0.3878, 0.2897$ is a dark color, and the websafe version is hex $CC6699$. A complement of this color would be $47.0948, 0.2708, 0.3736$, and the grayscale version is $26.5132, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.7510, 0.3692, 0.2968$, and $9.8267, 0.4158, 0.2755$ is the 20% darker color. If you saturate the color by 10%, you get $21.1979, 0.4147, 0.2818$, and if you desaturate by 10%, it is $30.6864, 0.3649, 0.2986$.

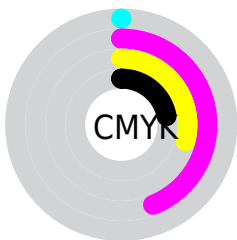
Distribution



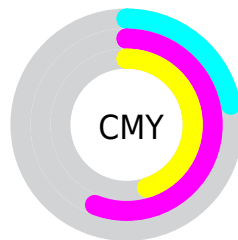
- Red (78%)
- Green (44%)
- Blue (55%)



- Red (78%)
- Yellow (44%)
- Blue (55%)



- Cyan (0%)
- Magenta (44%)
- Yellow (29%)
- Black (22%)



- Cyan (22%)
- Magenta (56%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.4341, 0.3878, 0.2897 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 25.4341, 0.3878, 0.2897 by changing the saturation by 10% instead.


 25.4341, 0.3878,
0.2897


 25.4341, 0.3878,
0.2897


279.9929, 0.3466,
0.3112


 16.4008, 0.3994,
0.2837


 52.3606, 0.3719,
0.2980


 9.8082, 0.4152,
0.2755


 71.0225, 0.3662,
0.3009

 5.2720, 0.4380,
0.2638

 93.6628, 0.3615,
0.3034

 2.4077, 0.4733,
0.2458

 120.6658, 0.3576,
0.3054

 0.8298, 0.5347,
0.2146

152.4159, 0.3542,
0.3072

 0.0000, 1.0000,
0.0000

189.2976, 0.3514,

 0.0000, 0.0000,

0.3087

0.0000

231.6951, 0.3488,
0.3100

■ 25.4341, 0.3878,
0.2897

■ 25.4341, 0.3878,
0.2897

■ 21.1979, 0.4147,
0.2818

■ 30.6864, 0.3649,
0.2986

■ 17.9075, 0.4454,
0.2760

■ 37.0116, 0.3459,
0.3079

■ 15.4893, 0.4789,
0.2734


■ 44.4666, 0.3302,
0.3169


■ 13.8575, 0.5131,
0.2752

■ 53.1035, 0.3174,
0.3255


■ 12.9078, 0.5453,
0.2820

■ 62.9708, 0.3069,
0.3336

 12.5585, 0.5625,
0.2872

 74.1144, 0.2983,
0.3410

 86.5778, 0.2913,
0.3478

 90.3131, 0.2846,
0.3385

 90.8832, 0.2800,
0.3289

Harmonies

Analogous

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



25.4341, 0.3219, 0.2522



25.4341, 0.3878, 0.2897



25.4341, 0.4335, 0.3370

Triad

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



25.4341, 0.3878, 0.2897



25.4341, 0.3570, 0.4492



25.4341, 0.1979, 0.2532

Complementary

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



25.4341, 0.3878, 0.2897



47.0948, 0.2708, 0.3736

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.



25.4341, 0.2049, 0.3019



25.4341, 0.3878, 0.2897



25.4341, 0.2934, 0.4280

Square

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



25.4341, 0.3878, 0.2897



25.4341, 0.4118, 0.4294



25.4341, 0.2382, 0.3689



25.4341, 0.2167, 0.2300

Rectangle

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



25.4341, 0.3878, 0.2897



25.4341, 0.4433, 0.3703



25.4341, 0.2382, 0.3689



25.4341, 0.1973, 0.2666

Sweetspot

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



25.4353, 0.3878, 0.2897



79.3147, 0.3288, 0.3178



23.8404, 0.2849, 0.2110



16.3029, 0.3320, 0.3158



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.



25.4353, 0.3878, 0.2897



37.4071, 0.4134, 0.2821



27.7569, 0.4205, 0.3468



10.6956, 0.3237, 0.3212



8.0896, 0.5589, 0.2852



0.3967, 0.4998, 0.2527

Inverse Universe

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



25.4353, 0.3878, 0.2897



37.4071, 0.4134, 0.2821



42.5398, 0.2503, 0.3097



10.6956, 0.3237, 0.3212



8.0896, 0.5589, 0.2852



0.3967, 0.4998, 0.2527

Previews

White Background



This preview shows how the Yxy color 25.4341, 0.3878, 0.2897 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 25.4341, 0.3878, 0.2897 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

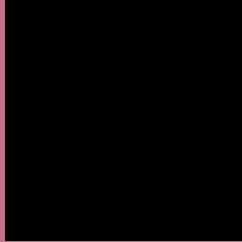
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.4341, 0.3878, 0.2897

Background



This preview shows how black text looks on a background with the Yxy color 25.4341, 0.3878, 0.2897.



This preview shows how white text looks on a background with the Yxy color 25.4341, 0.3878, 0.2897.

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

25.4341, 0.3878, 0.2897

Protanopia

25.7622, 0.2910, 0.2979

Deuteranopia

25.5317, 0.3300, 0.3242



Tritanopia

25.3350, 0.4084, 0.3172

Trichromacy



Original Color

25.4341, 0.3878, 0.2897

Protanomaly

24.9418, 0.3224, 0.2934

Deuteranomaly

25.1917, 0.3507, 0.3110

Tritanomaly

25.4277, 0.4006, 0.3066

Monochromacy



Original Color

25.4341, 0.3878, 0.2897

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

25.5697, 0.3380, 0.3121

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.4341, 0.3878, 0.2897 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(199, 111, 141)` looks like.

```
.text, #text, p{  
    color:rgb(199, 111, 141)  
}
```

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(199, 111, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 111, 141) }
```

Border

The CSS property to change the border of an element to Yxy 25.4341, 0.3878, 0.2897 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(199, 111, 141) }
```

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

```
.border{ border-color:rgb(199, 111, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 111, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 111, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 111, 141);  
box-shadow:4px 4px 4px 4px rgb(199, 111,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 25.4341, 0.3878, 0.2897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 111, 141) }
```

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

```
.background{ background-color: rgb(199,  
111, 141) }
```

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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