

Converting Colors

$Y_{xy}(24.1244, 0.3856, 0.2415)$

Have a look what the booklet for
Yxy(24.1244, 0.3856, 0.2415)
contains.

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Color

Yxy(24.2124, 0.3858, 0.2418)

Conversions

Conversions Part 1

Format	Color
Hex	D957A3
RGB	217, 87, 163
RGB Percent	85%, 34%, 64%
CMY	0.1491, 0.6588, 0.3608
CMYK	0.00, 0.60, 0.25, 0.15
HSL	325°, 63%, 60%
HSV	325°, 60%, 85%
XYZ	38.6317, 24.2124, 37.2899
YIQ	134.5340, 53.0840, 51.1960

Conversions

Conversions Part 2

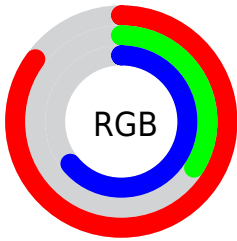
Format	Color
R _Y B	217, 87, 163
Decimal	14243747
CIE Lab	56.30, 58.74, -15.27
CIE LCh	56, 60.689, 345.423
Yxy	24.2124, 0.3858, 0.2418
Android (android.graphics.Color)	4292433827 (0xFFD957A3)
YUV	134.5340, 14.0337, 72.3227
Hunter-Lab	49.2061, 54.0296, -10.4875

Details

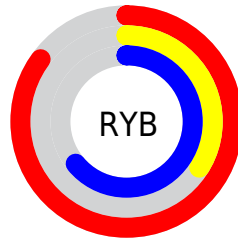
The Yxy color **24.2124, 0.3858, 0.2418** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **53.5692, 0.2775, 0.4431**, and the grayscale version is **23.9821, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.9669, 0.3510, 0.2532**, and **9.2139, 0.4109, 0.2162** is the 20% darker color. If you saturate the color by 10%, you get **20.9000, 0.4042, 0.2324**, and if you desaturate by 10%, it is **28.6060, 0.3689, 0.2543**.

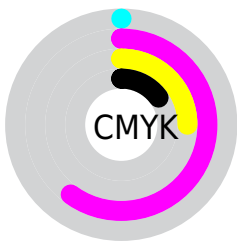
Distribution



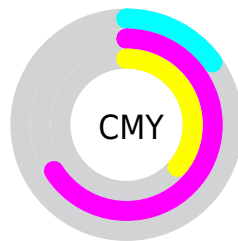
- Red (85%)
- Green (34%)
- Blue (64%)



- Red (85%)
- Yellow (34%)
- Blue (64%)



- Cyan (0%)
- Magenta (60%)
- Yellow (25%)
- Black (15%)





- Cyan (15%)
- Magenta (66%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.2124, 0.3858, 0.2418 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 24.2124, 0.3858, 0.2418 by changing the saturation by 10% instead.


 24.2124, 0.3858,
0.2418


 24.2124, 0.3858,
0.2418


273.8925, 0.3471,
0.2867

 15.4913, 0.3962,
0.2303


 50.3766, 0.3712,
0.2584


 9.1649, 0.4099,
0.2153


 68.5884, 0.3659,
0.2645

 4.8489, 0.4288,
0.1952


 90.7326, 0.3615,
0.2697

 2.1589, 0.4565,
0.1671

 117.1935, 0.3577,
0.2741

 0.6974, 0.5014,
0.1239

148.3556, 0.3545,
0.2779

 0.0000, 0.6305,
0.0000

184.6032, 0.3517,

 0.0000, 0.0000,

0.2812

0.0000

226.3207, 0.3493,
0.2842

■ 24.2124, 0.3858,
0.2418

■ 24.2124, 0.3858,
0.2418

■ 20.9000, 0.4042,
0.2324

■ 28.6060, 0.3689,
0.2543

■ 18.5667, 0.4235,
0.2272

■ 34.1633, 0.3540,
0.2688

■ 17.0972, 0.4430,
0.2272

■ 40.9629, 0.3410,
0.2841

■ 16.2857, 0.4620,
0.2319

■ 49.0758, 0.3298,
0.2996

■ 16.2785, 0.4622,
0.2320

■ 58.5671, 0.3205,
0.3147

■ 69.4980, 0.3126,
0.3291

■ 81.9257, 0.3061,
0.3427

■ 92.2739, 0.3007,
0.3496

■ 92.8085, 0.2958,
0.3401

Harmonies

Analogous

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



24.2124, 0.2788, 0.1987



24.2124, 0.3858, 0.2418



24.2124, 0.4810, 0.3020

Triad

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



24.2124, 0.3858, 0.2418



24.2124, 0.4107, 0.5068



24.2124, 0.1432, 0.2341

Complementary

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



24.2124, 0.3858, 0.2418



53.5692, 0.2775, 0.4431

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.



24.2124, 0.1655, 0.3249



24.2124, 0.3858, 0.2418



24.2124, 0.3166, 0.5214

Square

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



24.2124, 0.3858, 0.2418



24.2124, 0.4859, 0.4428



24.2124, 0.2264, 0.4457



24.2124, 0.1547, 0.1892

Rectangle

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



24.2124, 0.3858, 0.2418



24.2124, 0.5132, 0.3471



24.2124, 0.2264, 0.4457



24.2124, 0.1466, 0.2590

Sweetspot

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



24.2136, 0.3858, 0.2418



72.9624, 0.3281, 0.3023



17.3179, 0.2384, 0.1553



14.8172, 0.3311, 0.2978



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.



24.2136, 0.3858, 0.2418



29.0618, 0.4095, 0.2305



22.4895, 0.4807, 0.3150



13.1786, 0.3201, 0.3154



9.8769, 0.4596, 0.2305



0.6569, 0.4309, 0.2147

Inverse Universe

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



24.2136, 0.3858, 0.2418



29.0618, 0.4095, 0.2305



56.0053, 0.2455, 0.3468



13.1786, 0.3201, 0.3154



9.8769, 0.4596, 0.2305



0.6569, 0.4309, 0.2147

Previews

White Background



This preview shows how the Yxy color 24.2124, 0.3858, 0.2418 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 24.2124, 0.3858, 0.2418 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

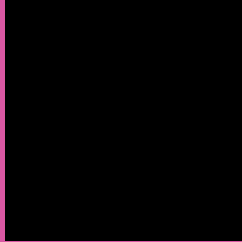
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.2124, 0.3858, 0.2418

Background



This preview shows how black text looks on a background with the Yxy color 24.2124, 0.3858, 0.2418.



This preview shows how white text looks on a background with the Yxy color 24.2124, 0.3858, 0.2418.

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

24.2124, 0.3858, 0.2418

Protanopia

24.4511, 0.2405, 0.2303

Deuteranopia

24.3918, 0.2959, 0.2899



Tritanopia

24.1729, 0.4563, 0.3210

Trichromacy



Original Color

24.2124, 0.3858, 0.2418



Protanomaly

22.6690, 0.2811, 0.2280



Deuteranomaly

23.2095, 0.3253, 0.2655



Tritanomaly

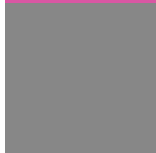
24.0129, 0.4322, 0.2911

Monochromacy



Original Color

24.2124, 0.3858, 0.2418



Achromatopsia

24.2281, 0.3127, 0.3290



Achromatomaly

23.0005, 0.3392, 0.2878

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.2124, 0.3858, 0.2418 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(217, 87, 163)` looks like.

```
.text, #text, p{  
    color:rgb(217, 87, 163)  
}
```

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(217, 87, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 87, 163) }
```

Border

The CSS property to change the border of an element to Yxy 24.2124, 0.3858, 0.2418 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(217, 87, 163) }
```

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

```
.border{ border-color:rgb(217, 87, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 87, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 87, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 87, 163);  
box-shadow:4px 4px 4px 4px rgb(217, 87,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 24.2124, 0.3858, 0.2418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 87, 163) }
```

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

```
.background{ background-color: rgb(217, 87,  
163) }
```

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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