

Converting Colors

Yxy(43.0318, 0.3900, 0.3056)

Have a look what the booklet for
Yxy(43.0318, 0.3900, 0.3056)
contains.

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Color

Yxy(42.9651, 0.3899, 0.3051)

Conversions

Conversions Part 1

Format	Color
Hex	F493A9
RGB	244, 147, 169
RGB Percent	96%, 58%, 66%
CMY	0.0431, 0.4235, 0.3371
CMYK	0.00, 0.40, 0.31, 0.04
HSL	346°, 82%, 77%
HSV	346°, 40%, 96%
XYZ	54.9069, 42.9651, 42.9510
YIQ	178.5110, 50.7500, 27.4060

Conversions

Conversions Part 2

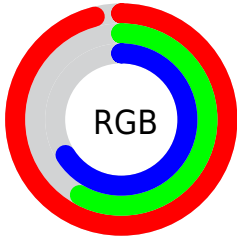
Format	Color
R _Y B	244, 147, 169
Decimal	16028585
CIE Lab	71.53, 39.13, 4.24
CIE LCh	72, 39.360, 6.180
Yxy	42.9651, 0.3899, 0.3051
Android (android.graphics.Color)	4294218665 (0xFF493A9)
YUV	178.5110, -4.6889, 57.4339
Hunter-Lab	65.5478, 34.8141, 7.0329

Details

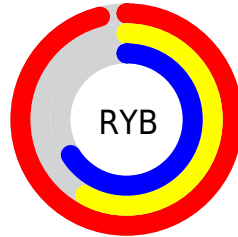
The Yxy color $42.9651, 0.3899, 0.3051$ is a light color, and the websafe version is hex $FF9999$. A complement of this color would be $76.1796, 0.2684, 0.3551$, and the grayscale version is $44.8128, 0.3127, 0.3290$.

A 20% lighter version of the original color is $68.8829, 0.3377, 0.3068$, and $19.6040, 0.4124, 0.2970$ is the 20% darker color. If you saturate the color by 10%, you get $35.5083, 0.4207, 0.2996$, and if you desaturate by 10%, it is $52.1374, 0.3642, 0.3112$.

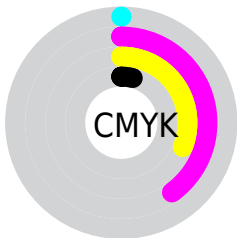
Distribution



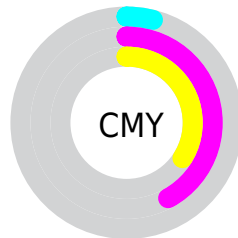
- Red (96%)
- Green (58%)
- Blue (66%)



- Red (96%)
- Yellow (58%)
- Blue (66%)



- Cyan (0%)
- Magenta (40%)
- Yellow (31%)
- Black (4%)





- Cyan (4%)
- Magenta (42%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.9651, 0.3899, 0.3051 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 42.9651, 0.3899, 0.3051 by changing the saturation by 10% instead.

 42.9651, 0.3899,
0.3051


 42.9651, 0.3899,
0.3051


358.4682, 0.3506,
0.3177

 29.8577, 0.3999,
0.3018


 79.6582, 0.3755,
0.3098

 19.7306, 0.4128,
0.2975


 104.0127, 0.3701,
0.3115

 12.1994, 0.4300,
0.2915


132.8851, 0.3656,
0.3130

 6.8796, 0.4543,
0.2829

166.6596, 0.3617,
0.3142

 3.3869, 0.4908,
0.2696

205.7209, 0.3584,
0.3152

 1.3369, 0.5508,
0.2465

250.4531, 0.3555,

 0.1695, 0.8713,

0.3161

0.1287

301.2408, 0.3529,
0.3169

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

42.9651, 0.3899,
0.3051

42.9651, 0.3899,
0.3051

35.5083, 0.4207,
0.2996

52.1374, 0.3642,
0.3112

29.6539, 0.4565,
0.2955

63.1168, 0.3432,
0.3175

25.2847, 0.4960,
0.2938

75.9956, 0.3262,
0.3235

22.2650, 0.5365,
0.2955

90.8581, 0.3124,
0.3291

■ 20.4335, 0.5736,
0.3011

■ 97.9739, 0.3060,
0.3290

■ 19.5313, 0.6031,
0.3098

■ 19.5138, 0.6038,
0.3100

Harmonies

Analogous

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



42.9651, 0.3359, 0.2688



42.9651, 0.3899, 0.3051



42.9651, 0.4220, 0.3483

Triad

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



42.9651, 0.3899, 0.3051



42.9651, 0.3384, 0.4308



42.9651, 0.2140, 0.2561

Complementary

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



42.9651, 0.3899, 0.3051



76.1796, 0.2684, 0.3551

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.



42.9651, 0.2145, 0.2938



42.9651, 0.3899, 0.3051



42.9651, 0.2833, 0.4027

Square

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



42.9651, 0.3899, 0.3051



42.9651, 0.3891, 0.4235



42.9651, 0.2387, 0.3487



42.9651, 0.2364, 0.2405

Rectangle

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



42.9651, 0.3899, 0.3051



42.9651, 0.4250, 0.3775



42.9651, 0.2387, 0.3487



42.9651, 0.2115, 0.2663

Sweetspot

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



42.9672, 0.3899, 0.3051



80.5759, 0.3297, 0.3222



42.8297, 0.2978, 0.2250



16.8352, 0.3319, 0.3214



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.



42.9672, 0.3899, 0.3051



40.4779, 0.4153, 0.3004



51.1770, 0.4017, 0.3576



16.5442, 0.3258, 0.3236



10.6271, 0.6000, 0.3079



0.9490, 0.5657, 0.2890

Inverse Universe

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



42.9672, 0.3899, 0.3051



40.4779, 0.4153, 0.3004



62.9487, 0.2530, 0.2979



16.5442, 0.3258, 0.3236



10.6271, 0.6000, 0.3079



0.9490, 0.5657, 0.2890

Previews

White Background



This preview shows how the Yxy color 42.9651, 0.3899, 0.3051 looks on a white background.

Color Contrast Check

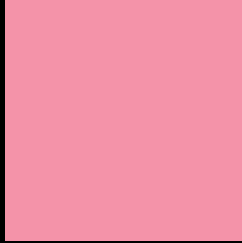
Large Text (above 18pt) WCAG AA × Fail

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 42.9651, 0.3899, 0.3051 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 ✓ Pass

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

Yxy 42.9651, 0.3899, 0.3051

Background



This preview shows how black text looks on a background with the Yxy color 42.9651, 0.3899, 0.3051.



This preview shows how white text looks on a background with the Yxy color 42.9651, 0.3899, 0.3051.

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

42.9651, 0.3899, 0.3051

Protanopia

43.3928, 0.3055, 0.3157

Deuteranopia

43.3364, 0.3421, 0.3355



Tritanopia

43.0876, 0.3978, 0.3171

Trichromacy



Original Color

42.9651, 0.3899, 0.3051



Protanomaly

42.5824, 0.3341, 0.3115



Deuteranomaly

42.8900, 0.3594, 0.3242



Tritanomaly

42.8788, 0.3950, 0.3127

Monochromacy



Original Color

42.9651, 0.3899, 0.3051



Achromatopsia

45.0786, 0.3127, 0.3290



Achromatomaly

43.4291, 0.3393, 0.3190

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.9651, 0.3899, 0.3051 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(244, 147, 169)` looks like.

```
.text, #text, p{  
    color:rgb(244, 147, 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(244, 147, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 147, 169) }
```

Border

The CSS property to change the border of an element to Yxy 42.9651, 0.3899, 0.3051 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(244, 147, 169) }
```

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

```
.border{ border-color:rgb(244, 147, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 147, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 147, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 147, 169);  
box-shadow:4px 4px 4px 4px rgb(244, 147,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 42.9651, 0.3899, 0.3051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 147, 169) }
```

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

```
.background{ background-color: rgb(244,  
147, 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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