

Converting Colors

$Y_{xy}(42.5051, 0.3438, 0.2597)$

Have a look what the booklet for
Yxy(42.5051, 0.3438, 0.2597)
contains.

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Color

Yxy(42.5051, 0.3438, 0.2597)

Conversions

Conversions Part 1

Format	Color
Hex	ED90D0
RGB	237, 144, 208
RGB Percent	93%, 56%, 82%
CMY	0.0708, 0.4352, 0.1844
CMYK	0.00, 0.39, 0.12, 0.07
HSL	319°, 72%, 75%
HSV	319°, 39%, 93%
XYZ	56.2697, 42.5051, 64.8952
YIQ	179.1030, 34.8840, 39.6200

Conversions

Conversions Part 2

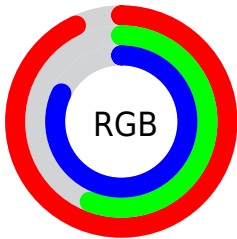
Format	Color
R _Y B	237, 144, 208
Decimal	15569104
CIE _{Lab}	71.22, 43.90, -17.94
CIE _{LCh}	71, 47.422, 337.777
Y _{xy}	42.5051, 0.3438, 0.2597
Android (android.graphics.Color)	4293759184 (0xFFED90D0)
Y _{UV}	179.1030, 14.2462, 50.7757
Hunter-Lab	65.1959, 39.9681, -13.3793

Details

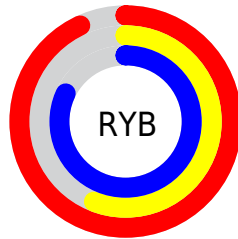
The Yxy color $42.5051, 0.3438, 0.2597$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $69.4936, 0.2916, 0.4108$, and the grayscale version is $45.0477, 0.3127, 0.3290$.

A 20% lighter version of the original color is $69.3268, 0.3153, 0.2742$, and $19.3990, 0.3503, 0.2413$ is the 20% darker color. If you saturate the color by 10%, you get $35.7093, 0.3548, 0.2429$, and if you desaturate by 10%, it is $50.8282, 0.3341, 0.2776$.

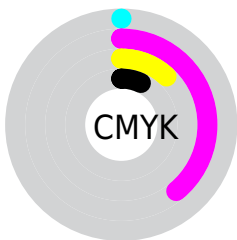
Distribution



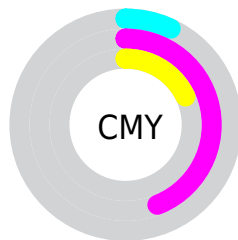
- Red (93%)
- Green (56%)
- Blue (82%)



- Red (93%)
- Yellow (56%)
- Blue (82%)



- Cyan (0%)
- Magenta (39%)
- Yellow (12%)
- Black (7%)





- Cyan (7%)
- Magenta (44%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.5051, 0.3438, 0.2597 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 42.5051, 0.3438, 0.2597 by changing the saturation by 10% instead.


 42.5051, 0.3438,
0.2597


 42.5051, 0.3438,
0.2597


356.5725, 0.3290,
0.2927

 29.4970, 0.3473,
0.2519


 78.9635, 0.3386,
0.2713

 19.4571, 0.3516,
0.2423


 103.1826, 0.3366,
0.2758

 12.0010, 0.3571,
0.2298


131.9075, 0.3349,
0.2797

 6.7444, 0.3644,
0.2134

165.5225, 0.3334,
0.2830

 3.3028, 0.3744,
0.1907

204.4122, 0.3321,
0.2859

 1.2918, 0.3889,
0.1577

248.9608, 0.3310,

 0.1348, 0.4385,

0.2884

0.0472

299.5528, 0.3299,
0.2907

0.0000, 0.4303,
0.0000

0.0000, 0.0000,
0.0000

42.5051, 0.3438,
0.2597

42.5051, 0.3438,
0.2597

35.7093, 0.3548,
0.2429

50.8282, 0.3341,
0.2776

30.3396, 0.3669,
0.2281

60.7596, 0.3256,
0.2956

26.2920, 0.3800,
0.2166

72.3817, 0.3184,
0.3134

23.4457, 0.3934,
0.2092

85.7695, 0.3123,
0.3303

■ 21.6573, 0.4069,
0.2068

■ 96.1052, 0.3073,
0.3390

■ 20.7043, 0.4200,
0.2090

■ 96.5656, 0.3032,
0.3316

■ 20.6431, 0.4210,
0.2093

■ 96.7371, 0.3017,
0.3290

Harmonies

Analogous

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



42.5051, 0.2756, 0.2320



42.5051, 0.3438, 0.2597



42.5051, 0.4090, 0.3022

Triad

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



42.5051, 0.3438, 0.2597



42.5051, 0.4000, 0.4432



42.5051, 0.1957, 0.2822

Complementary

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



42.5051, 0.3438, 0.2597



69.4936, 0.2916, 0.4108

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.



42.5051, 0.2218, 0.3483



42.5051, 0.3438, 0.2597



42.5051, 0.3383, 0.4530

Square

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



42.5051, 0.3438, 0.2597



42.5051, 0.4408, 0.4033



42.5051, 0.2730, 0.4169



42.5051, 0.1969, 0.2399

Rectangle

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



42.5051, 0.3438, 0.2597



42.5051, 0.4379, 0.3354



42.5051, 0.2730, 0.4169



42.5051, 0.2014, 0.3022

Sweetspot

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



42.5071, 0.3438, 0.2597



81.4070, 0.3203, 0.3084



34.8298, 0.2614, 0.2154



17.0305, 0.3212, 0.3061



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.



42.5071, 0.3438, 0.2597



43.6718, 0.3525, 0.2462



40.5851, 0.3909, 0.3083



15.2291, 0.3186, 0.3129



11.2997, 0.4189, 0.2082



0.9045, 0.4020, 0.1988

Inverse Universe

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



42.5071, 0.3438, 0.2597



43.6718, 0.3525, 0.2462



71.5572, 0.2676, 0.3515



15.2291, 0.3186, 0.3129



11.2997, 0.4189, 0.2082



0.9045, 0.4020, 0.1988

Previews

White Background



This preview shows how the Yxy color 42.5051, 0.3438, 0.2597 looks on a white background.

Color Contrast Check

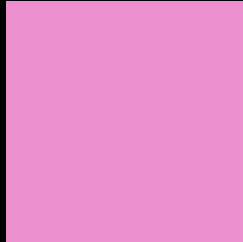
Large Text (above 18pt) WCAG AA × Fail

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 42.5051, 0.3438, 0.2597 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

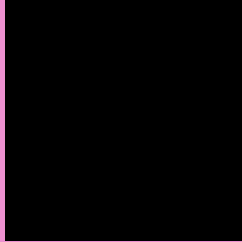
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.5051, 0.3438, 0.2597

Background



This preview shows how black text looks on a background with the Yxy color 42.5051, 0.3438, 0.2597.



This preview shows how white text looks on a background with the Yxy color 42.5051, 0.3438, 0.2597.

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

42.5051, 0.3438, 0.2597

Protanopia

42.9622, 0.2620, 0.2591

Deuteranopia

42.9026, 0.2931, 0.2878



Tritanopia

42.6186, 0.3816, 0.3166

Trichromacy



Original Color

42.5051, 0.3438, 0.2597



Protanomaly

41.7525, 0.2875, 0.2570



Deuteranomaly

42.0396, 0.3098, 0.2752



Tritanomaly

42.6004, 0.3679, 0.2953

Monochromacy



Original Color

42.5051, 0.3438, 0.2597



Achromatopsia

45.0786, 0.3127, 0.3290



Achromatomaly

43.2695, 0.3233, 0.2992

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.5051, 0.3438, 0.2597 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(237, 144, 208)` looks like.

```
.text, #text, p{  
    color:rgb(237, 144, 208)  
}
```

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(237, 144, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 144, 208) }
```

Border

The CSS property to change the border of an element to Yxy 42.5051, 0.3438, 0.2597 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(237, 144, 208) }
```

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

```
.border{ border-color:rgb(237, 144, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 144, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 144, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 144, 208);  
box-shadow:4px 4px 4px 4px rgb(237, 144,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 42.5051, 0.3438, 0.2597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 144, 208) }
```

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

```
.background{ background-color: rgb(237,  
144, 208) }
```

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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