

Converting Colors

Yxy(41.4619, 0.3348, 0.2468)

Have a look what the booklet for
Yxy(41.4619, 0.3348, 0.2468)
contains.

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Color

Yxy(41.5469, 0.3357, 0.2474)

Conversions

Conversions Part 1

Format	Color
Hex	EC8CD8
RGB	236, 140, 216
RGB Percent	93%, 55%, 85%
CMY	0.0743, 0.4511, 0.1529
CMYK	0.00, 0.41, 0.08, 0.07
HSL	313°, 72%, 74%
HSV	313°, 41%, 93%
XYZ	56.3755, 41.5469, 70.0117
YIQ	177.3680, 32.8200, 43.9880

Conversions

Conversions Part 2

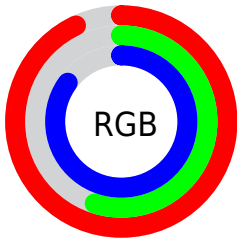
Format	Color
R _Y B	236, 140, 216
Decimal	15502552
CIE Lab	70.56, 47.01, -23.39
CIE LCh	71, 52.505, 333.550
Yxy	41.5469, 0.3357, 0.2474
Android (android.graphics.Color)	4293692632 (0xFFEC8CD8)
YUV	177.3680, 19.0456, 51.4203
Hunter-Lab	64.4569, 43.3207, -19.2797

Details

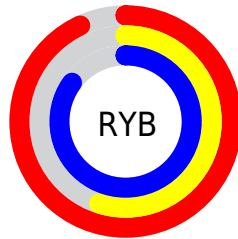
The Yxy color **41.5469, 0.3357, 0.2474** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **68.1300, 0.2962, 0.4279**, and the grayscale version is **44.0551, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.5102, 0.3155, 0.2703**, and **18.8546, 0.3401, 0.2274** is the 20% darker color. If you saturate the color by 10%, you get **35.1250, 0.3432, 0.2289**, and if you desaturate by 10%, it is **49.4596, 0.3289, 0.2673**.

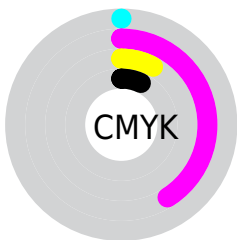
Distribution



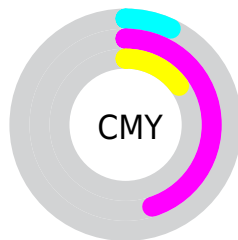
- Red (93%)
- Green (55%)
- Blue (85%)



- Red (93%)
- Yellow (55%)
- Blue (85%)



- Cyan (0%)
- Magenta (41%)
- Yellow (8%)
- Black (7%)





- Cyan (7%)
- Magenta (45%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.5469, 0.3357, 0.2474 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 41.5469, 0.3357, 0.2474 by changing the saturation by 10% instead.


 41.5469, 0.3357,
0.2474


 41.5469, 0.3357,
0.2474

352.6012, 0.3253,
0.2859

 28.7467, 0.3380,
0.2385


 77.5134, 0.3322,
0.2609

 18.8893, 0.3407,
0.2274


 101.4485, 0.3308,
0.2661

 11.5903, 0.3441,
0.2133


 129.8640, 0.3296,
0.2706

 6.4654, 0.3482,
0.1949

163.1442, 0.3285,
0.2745

 3.1301, 0.3534,
0.1699

201.6737, 0.3276,
0.2779

 1.2000, 0.3595,
0.1347

245.8368, 0.3267,

 0.0617, 0.3906,

0.2809

0.0191

296.0178, 0.3260,
0.2835

0.0000, 0.2366,
0.0000

0.0000, 0.0000,
0.0000

41.5469, 0.3357,
0.2474

41.5469, 0.3357,
0.2474

35.1250, 0.3432,
0.2289

49.4596, 0.3289,
0.2673

30.0926, 0.3511,
0.2128


58.9444, 0.3229,
0.2878


26.3448, 0.3594,
0.2001


70.0837, 0.3176,
0.3081

23.7595, 0.3677,
0.1918

82.9522, 0.3130,
0.3277

 22.1907, 0.3758,
0.1881

 95.6893, 0.3092,
0.3433

 21.4194, 0.3830,
0.1884

 95.9871, 0.3064,
0.3383

 96.2930, 0.3037,
0.3334

 96.5807, 0.3012,
0.3290

Harmonies

Analogous

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



41.5469, 0.2618, 0.2200



41.5469, 0.3357, 0.2474



41.5469, 0.4112, 0.2916

Triad

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



41.5469, 0.3357, 0.2474



41.5469, 0.4164, 0.4498



41.5469, 0.1863, 0.2850

Complementary

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



41.5469, 0.3357, 0.2474



68.1300, 0.2962, 0.4279

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.



41.5469, 0.2183, 0.3616



41.5469, 0.3357, 0.2474



41.5469, 0.3500, 0.4695

Square

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



41.5469, 0.3357, 0.2474



41.5469, 0.4580, 0.4015



41.5469, 0.2774, 0.4372



41.5469, 0.1838, 0.2348

Rectangle

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



41.5469, 0.3357, 0.2474



41.5469, 0.4471, 0.3269



41.5469, 0.2774, 0.4372



41.5469, 0.1936, 0.3083

Sweetspot

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



41.5488, 0.3357, 0.2474



81.6021, 0.3182, 0.3054



32.1999, 0.2513, 0.2083



17.0765, 0.3189, 0.3027



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.



41.5488, 0.3357, 0.2474



42.8915, 0.3420, 0.2315



39.4481, 0.3846, 0.2968



15.2568, 0.3170, 0.3105



11.8211, 0.3818, 0.1877



0.9417, 0.3718, 0.1822

Inverse Universe

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



41.5488, 0.3357, 0.2474



42.8915, 0.3420, 0.2315



70.1070, 0.2712, 0.3648



15.2568, 0.3170, 0.3105



11.8211, 0.3818, 0.1877



0.9417, 0.3718, 0.1822

Previews

White Background



This preview shows how the Yxy color 41.5469, 0.3357, 0.2474 looks on a white background.

Color Contrast Check

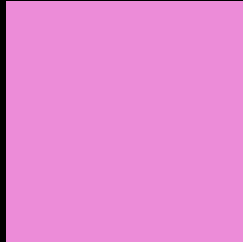
Large Text (above 18pt) WCAG AA × Fail

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 41.5469, 0.3357, 0.2474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

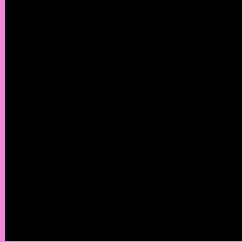
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.5469, 0.3357, 0.2474

Background



This preview shows how black text looks on a background with the Yxy color 41.5469, 0.3357, 0.2474.



This preview shows how white text looks on a background with the Yxy color 41.5469, 0.3357, 0.2474.

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

41.5469, 0.3357, 0.2474

Protanopia

42.1301, 0.2503, 0.2436

Deuteranopia

41.7370, 0.2814, 0.2748



Tritanopia

41.5648, 0.3824, 0.3165

Trichromacy



Original Color

41.5469, 0.3357, 0.2474



Protanomaly

40.9784, 0.2760, 0.2431



Deuteranomaly

40.8599, 0.2997, 0.2620



Tritanomaly

41.4006, 0.3646, 0.2894

Monochromacy



Original Color

41.5469, 0.3357, 0.2474



Achromatopsia

43.9657, 0.3127, 0.3290



Achromatomaly

42.3183, 0.3207, 0.2953

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.5469, 0.3357, 0.2474 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(236, 140, 216)` looks like.

```
.text, #text, p{  
    color:rgb(236, 140, 216)  
}
```

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(236, 140, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 140, 216) }
```

Border

The CSS property to change the border of an element to Yxy 41.5469, 0.3357, 0.2474 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(236, 140, 216) }
```

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

```
.border{ border-color:rgb(236, 140, 216) }
```

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

Here you see how a box with a 4 pixel rgb(236, 140, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 140, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 140, 216);  
box-shadow:4px 4px 4px 4px rgb(236, 140,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 41.5469, 0.3357, 0.2474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 140, 216) }
```

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

```
.background{ background-color: rgb(236,  
140, 216) }
```

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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