

Converting Colors

$Y_{xy}(41.3888, 0.3309, 0.2471)$

Have a look what the booklet for
Yxy(41.3888, 0.3309, 0.2471)
contains.

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Color

Yxy(41.5116, 0.3308, 0.2475)

Conversions

Conversions Part 1

Format	Color
Hex	E88ED9
RGB	232, 142, 217
RGB Percent	91%, 56%, 85%
CMY	0.0901, 0.4432, 0.1490
CMYK	0.00, 0.39, 0.06, 0.09
HSL	310°, 66%, 73%
HSV	310°, 39%, 91%
XYZ	55.4830, 41.5116, 70.7291
YIQ	177.4600, 29.5650, 42.4050

Conversions

Conversions Part 2

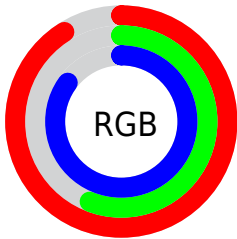
Format	Color
R _Y B	232, 142, 217
Decimal	15240921
CIE Lab	70.53, 44.89, -24.02
CIE LCh	71, 50.907, 331.851
Yxy	41.5116, 0.3308, 0.2475
Android (android.graphics.Color)	4293431001 (0xFFE88ED9)
YUV	177.4600, 19.4932, 47.8316
Hunter-Lab	64.4295, 40.9623, -19.9864

Details

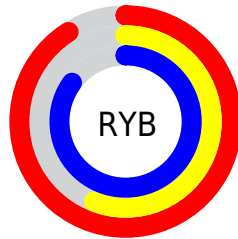
The Yxy color **41.5116, 0.3308, 0.2475** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **65.9168, 0.2990, 0.4274**, and the grayscale version is **44.1054, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.4125, 0.3154, 0.2722**, and **18.8674, 0.3346, 0.2273** is the 20% darker color. If you saturate the color by 10%, you get **35.1141, 0.3368, 0.2279**, and if you desaturate by 10%, it is **49.3545, 0.3253, 0.2684**.

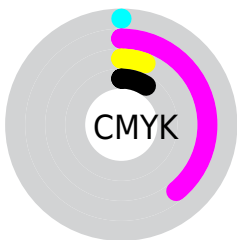
Distribution



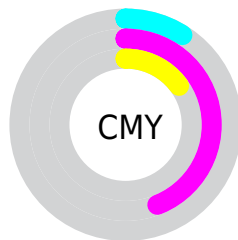
- Red (91%)
- Green (56%)
- Blue (85%)



- Red (91%)
- Yellow (56%)
- Blue (85%)



- Cyan (0%)
- Magenta (39%)
- Yellow (6%)
- Black (9%)





- Cyan (9%)
- Magenta (44%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.5116, 0.3308, 0.2475 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 41.5116, 0.3308, 0.2475 by changing the saturation by 10% instead.


 41.5116, 0.3308,
0.2475

 41.5116, 0.3308,
0.2475


352.4543, 0.3229,
0.2860

 28.7191, 0.3325,
0.2386


 77.4599, 0.3282,
0.2610

 18.8684, 0.3344,
0.2275


 101.3845, 0.3271,
0.2662

 11.5752, 0.3368,
0.2134


129.7885, 0.3262,
0.2707

 6.4551, 0.3395,
0.1949

163.0564, 0.3253,
0.2746

 3.1238, 0.3426,
0.1699

201.5725, 0.3246,
0.2780

 1.1967, 0.3455,
0.1346

245.7213, 0.3240,

 0.0590, 0.3697,

0.2810

0.0183

295.8871, 0.3234,
0.2836

■ 0.0000, 0.1562,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 41.5116, 0.3308,
0.2475

■ 41.5116, 0.3308,
0.2475

■ 35.1141, 0.3368,
0.2279

■ 49.3545, 0.3253,
0.2684

■ 30.0666, 0.3431,
0.2106

■ 58.7193, 0.3204,
0.2898


■ 26.2708, 0.3496,
0.1967


■ 69.6839, 0.3161,
0.3110

■ 23.6129, 0.3561,
0.1869


■ 82.3191, 0.3123,
0.3314

 21.9584, 0.3624,
0.1816


 94.7590, 0.3092,
0.3477


 21.1048, 0.3683,
0.1807

 94.9872, 0.3070,
0.3438

 21.0240, 0.3690,
0.1806

 95.2203, 0.3048,
0.3399

 95.4584, 0.3026,
0.3359

 95.7015, 0.3005,
0.3321

Harmonies

Analogous

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



41.5116, 0.2598, 0.2219



41.5116, 0.3308, 0.2475



41.5116, 0.4045, 0.2900

Triad

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



41.5116, 0.3308, 0.2475



41.5116, 0.4170, 0.4445



41.5116, 0.1906, 0.2902

Complementary

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



41.5116, 0.3308, 0.2475



65.9168, 0.2990, 0.4274

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.



41.5116, 0.2236, 0.3653



41.5116, 0.3308, 0.2475



41.5116, 0.3534, 0.4652

Square

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



41.5116, 0.3308, 0.2475



41.5116, 0.4551, 0.3971



41.5116, 0.2825, 0.4367



41.5116, 0.1864, 0.2395

Rectangle

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



41.5116, 0.3308, 0.2475



41.5116, 0.4408, 0.3243



41.5116, 0.2825, 0.4367



41.5116, 0.1984, 0.3133

Sweetspot

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



41.5135, 0.3308, 0.2475



81.6818, 0.3174, 0.3042



32.3386, 0.2525, 0.2140



17.0954, 0.3180, 0.3014



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.



41.5135, 0.3308, 0.2475



44.6270, 0.3358, 0.2308



39.4828, 0.3765, 0.2949



14.5717, 0.3163, 0.3096



11.6842, 0.3681, 0.1801



0.8744, 0.3601, 0.1757

Inverse Universe

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



41.5135, 0.3308, 0.2475



44.6270, 0.3358, 0.2308



67.7466, 0.2744, 0.3667



14.5717, 0.3163, 0.3096



11.6842, 0.3681, 0.1801



0.8744, 0.3601, 0.1757

Previews

White Background



This preview shows how the Yxy color 41.5116, 0.3308, 0.2475 looks on a white background.

Color Contrast Check

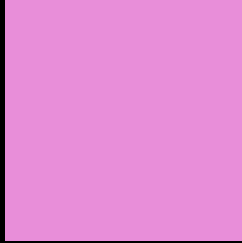
Large Text (above 18pt) WCAG AA × Fail

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 41.5116, 0.3308, 0.2475 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

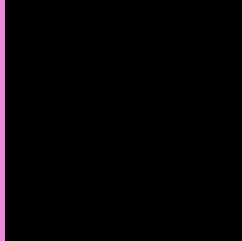
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.5116, 0.3308, 0.2475

Background



This preview shows how black text looks on a background with the Yxy color 41.5116, 0.3308, 0.2475.



This preview shows how white text looks on a background with the Yxy color 41.5116, 0.3308, 0.2475.

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

41.5116, 0.3308, 0.2475

Protanopia

42.0712, 0.2509, 0.2447

Deuteranopia

41.6754, 0.2798, 0.2734



Tritanopia

41.6316, 0.3757, 0.3163

Trichromacy



Original Color

41.5116, 0.3308, 0.2475



Protanomaly

40.7999, 0.2759, 0.2439



Deuteranomaly

40.9888, 0.2971, 0.2618



Tritanomaly

41.4078, 0.3592, 0.2900

Monochromacy



Original Color

41.5116, 0.3308, 0.2475



Achromatopsia

43.9657, 0.3127, 0.3290



Achromatomaly

42.2270, 0.3189, 0.2940

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.5116, 0.3308, 0.2475 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(232, 142, 217)` looks like.

```
.text, #text, p{  
    color:rgb(232, 142, 217)  
}
```

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(232, 142, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 142, 217) }
```

Border

The CSS property to change the border of an element to Yxy 41.5116, 0.3308, 0.2475 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(232, 142, 217) }
```

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

```
.border{ border-color:rgb(232, 142, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 142, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 142, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 142, 217);  
box-shadow:4px 4px 4px 4px rgb(232, 142,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 41.5116, 0.3308, 0.2475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 142, 217) }
```

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

```
.background{ background-color: rgb(232,  
142, 217) }
```

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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