

Converting Colors

$Y_{xy}(43.0524, 0.3414, 0.2347)$

Have a look what the booklet for
Yxy(43.0524, 0.3414, 0.2347)
contains.

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Color

Yxy(43.2038, 0.3417, 0.2352)

Conversions

Conversions Part 1

Format	Color
Hex	FD85E3
RGB	253, 133, 227
RGB Percent	99%, 52%, 89%
CMY	0.0078, 0.4785, 0.1097
CMYK	0.00, 0.47, 0.10, 0.01
HSL	313°, 97%, 76%
HSV	313°, 47%, 99%
XYZ	62.7667, 43.2038, 77.7191
YIQ	179.5960, 41.3460, 54.6740

Conversions

Conversions Part 2

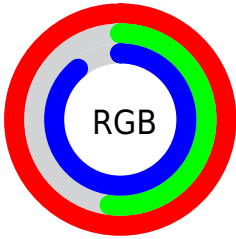
Format	Color
R _Y B	253, 133, 227
Decimal	16614883
CIE Lab	71.69, 57.42, -27.54
CIE LCh	72, 63.689, 334.375
Yxy	43.2038, 0.3417, 0.2352
Android (android.graphics.Color)	4294804963 (0xFFFD85E3)
YUV	179.5960, 23.3702, 64.3753
Hunter-Lab	65.7296, 55.4271, -24.0941

Details

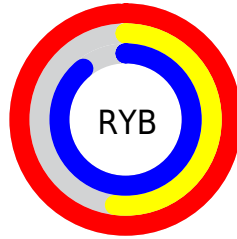
The Yxy color **43.2038, 0.3417, 0.2352** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **77.7487, 0.2936, 0.4470**, and the grayscale version is **45.2709, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.8752, 0.3157, 0.2644**, and **19.8584, 0.3482, 0.2139** is the 20% darker color. If you saturate the color by 10%, you get **36.7950, 0.3499, 0.2183**, and if you desaturate by 10%, it is **51.2945, 0.3342, 0.2542**.

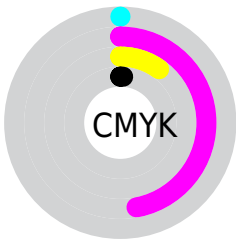
Distribution



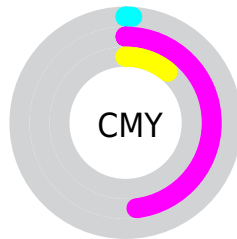
- Red (99%)
- Green (52%)
- Blue (89%)



- Red (99%)
- Yellow (52%)
- Blue (89%)



- Cyan (0%)
- Magenta (47%)
- Yellow (10%)
- Black (1%)





- Cyan (1%)
- Magenta (48%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.2038, 0.3417, 0.2352 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 43.2038, 0.3417, 0.2352 by changing the saturation by 10% instead.


 43.2038, 0.3417,
0.2352


 43.2038, 0.3417,
0.2352


359.4492, 0.3288,
0.2785


 30.0451, 0.3445,
0.2254


 80.0183, 0.3374,
0.2502

 19.8728, 0.3478,
0.2134


 104.4429, 0.3357,
0.2560

 12.3026, 0.3517,
0.1984


 133.3915, 0.3342,
0.2610

 6.9501, 0.3566,
0.1792

167.2485, 0.3328,
0.2654

 3.4309, 0.3626,
0.1539

206.3985, 0.3317,
0.2693

 1.3606, 0.3695,
0.1197

251.2256, 0.3306,

 0.1874, 0.3893,

0.2727

0.0402

302.1144, 0.3297,
0.2758

■ 0.0000, 0.3634,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 43.2038, 0.3417,
0.2352

■ 43.2038, 0.3417,
0.2352

■ 36.7950, 0.3499,
0.2183

■ 51.2945, 0.3342,
0.2542

■ 31.9401, 0.3584,
0.2046

■ 61.1707, 0.3273,
0.2743

■ 28.5027, 0.3672,
0.1949

■ 72.9350, 0.3213,
0.2947

■ 26.3198, 0.3758,
0.1900

■ 86.6802, 0.3161,
0.3147

■ 25.1788, 0.3840,
0.1897

99.5881, 0.3118,
0.3296

■ 24.9728, 0.3861,
0.1900

99.6255, 0.3115,
0.3290

Harmonies

Analogous

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



43.2038, 0.2541, 0.2035



43.2038, 0.3417, 0.2352



43.2038, 0.4325, 0.2856

Triad

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



43.2038, 0.3417, 0.2352



43.2038, 0.4299, 0.4702



43.2038, 0.1652, 0.2724

Complementary

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



43.2038, 0.3417, 0.2352



77.7487, 0.2936, 0.4470

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.



43.2038, 0.1994, 0.3644



43.2038, 0.3417, 0.2352



43.2038, 0.3510, 0.4984

Square

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



43.2038, 0.3417, 0.2352



43.2038, 0.4823, 0.4109



43.2038, 0.2665, 0.4597



43.2038, 0.1640, 0.2166

Rectangle

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



43.2038, 0.3417, 0.2352



43.2038, 0.4747, 0.3255



43.2038, 0.2665, 0.4597



43.2038, 0.1727, 0.2996

Sweetspot

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



43.2058, 0.3417, 0.2352



78.8117, 0.3195, 0.3016



31.0337, 0.2384, 0.1849



16.2478, 0.3206, 0.2972



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.



43.2058, 0.3417, 0.2352



37.6924, 0.3495, 0.2190



40.5231, 0.4034, 0.2916



18.2290, 0.3171, 0.3106



13.3054, 0.3848, 0.1893



1.3114, 0.3760, 0.1845

Inverse Universe

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



43.2058, 0.3417, 0.2352



37.6924, 0.3495, 0.2190



80.2562, 0.2658, 0.3721



18.2290, 0.3171, 0.3106



13.3054, 0.3848, 0.1893



1.3114, 0.3760, 0.1845

Previews

White Background



This preview shows how the Yxy color 43.2038, 0.3417, 0.2352 looks on a white background.

Color Contrast Check

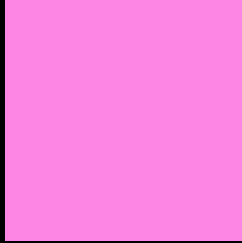
Large Text (above 18pt) WCAG AA × Fail

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 43.2038, 0.3417, 0.2352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

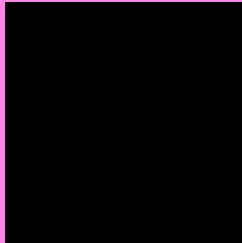
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.2038, 0.3417, 0.2352

Background



This preview shows how black text looks on a background with the Yxy color 43.2038, 0.3417, 0.2352.

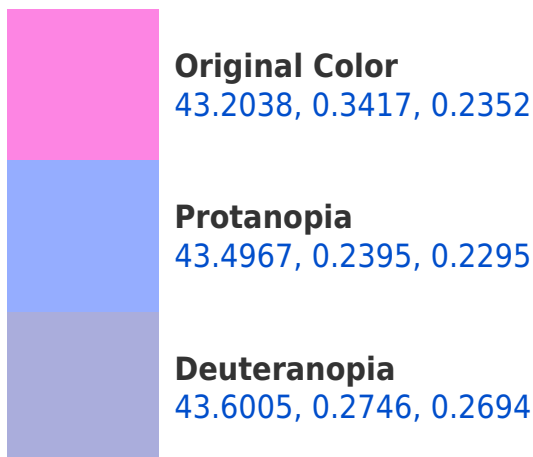


This preview shows how white text looks on a background with the Yxy color 43.2038, 0.3417, 0.2352.

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





Tritanopia

43.0955, 0.4012, 0.3172

Trichromacy



Original Color

43.2038, 0.3417, 0.2352



Protanomaly

41.6111, 0.2694, 0.2278



Deuteranomaly

42.0608, 0.2960, 0.2522



Tritanomaly

43.0621, 0.3790, 0.2854

Monochromacy



Original Color

43.2038, 0.3417, 0.2352



Achromatopsia

45.6411, 0.3127, 0.3290



Achromatomaly

43.4910, 0.3238, 0.2879

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.2038, 0.3417, 0.2352 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(253, 133, 227)` looks like.

```
.text, #text, p{  
    color:rgb(253, 133, 227)  
}
```

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(253, 133, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 133, 227) }
```

Border

The CSS property to change the border of an element to Yxy 43.2038, 0.3417, 0.2352 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(253, 133, 227) }
```

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

```
.border{ border-color:rgb(253, 133, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 133, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 133, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 133, 227);  
box-shadow:4px 4px 4px 4px rgb(253, 133,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 43.2038, 0.3417, 0.2352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 133, 227) }
```

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

```
.background{ background-color: rgb(253,  
133, 227) }
```

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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