

Converting Colors

$Y_{xy}(43.9252, 0.3236, 0.2325)$

Have a look what the booklet for
Yxy(43.9252, 0.3236, 0.2325)
contains.

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Color

Yxy(43.9252, 0.3236, 0.2325)

Conversions

Conversions Part 1

Format	Color
Hex	F28DEB
RGB	242, 141, 235
RGB Percent	95%, 55%, 92%
CMY	0.0510, 0.4470, 0.0784
CMYK	0.00, 0.42, 0.03, 0.05
HSL	304°, 80%, 75%
HSV	304°, 42%, 95%
XYZ	61.1363, 43.9252, 83.8641
YIQ	181.9150, 30.0220, 50.6460

Conversions

Conversions Part 2

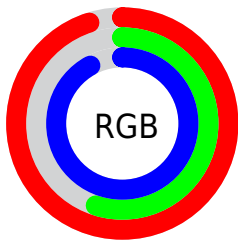
Format	Color
R _Y B	242, 141, 235
Decimal	15896043
CIE Lab	72.18, 51.53, -31.30
CIE LCh	72, 60.290, 328.725
Yxy	43.9252, 0.3236, 0.2325
Android (android.graphics.Color)	4294086123 (0xFFFF28DEB)
YUV	181.9150, 26.1709, 52.6945
Hunter-Lab	66.2761, 48.6740, -28.6308

Details

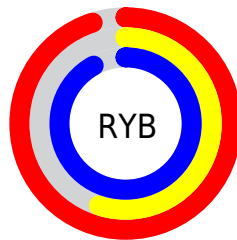
The Yxy color **43.9252, 0.3236, 0.2325** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **71.2982, 0.3031, 0.4495**, and the grayscale version is **46.5751, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.4125, 0.3154, 0.2722**, and **20.2614, 0.3245, 0.2100** is the 20% darker color. If you saturate the color by 10%, you get **37.4569, 0.3266, 0.2120**, and if you desaturate by 10%, it is **51.9573, 0.3207, 0.2550**.

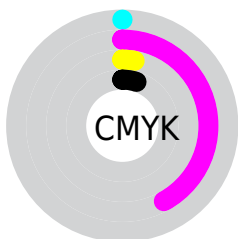
Distribution



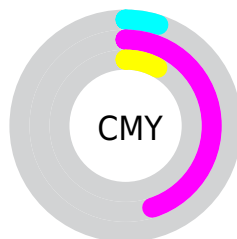
- Red (95%)
- Green (55%)
- Blue (92%)



- Red (95%)
- Yellow (55%)
- Blue (92%)



- Cyan (0%)
- Magenta (42%)
- Yellow (3%)
- Black (5%)





- Cyan (5%)
- Magenta (45%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.9252, 0.3236, 0.2325 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 43.9252, 0.3236, 0.2325 by changing the saturation by 10% instead.


 43.9252, 0.3236,
0.2325


 43.9252, 0.3236,
0.2325


362.4030, 0.3198,
0.2769

 30.6117, 0.3241,
0.2225


 81.1052, 0.3225,
0.2478

 20.3034, 0.3246,
0.2104


 105.7404, 0.3220,
0.2538

 12.6157, 0.3249,
0.1952

134.9184, 0.3216,
0.2589

 7.1645, 0.3248,
0.1758

169.0235, 0.3212,
0.2634

 3.5652, 0.3236,
0.1504

208.4401, 0.3208,
0.2674

 1.4334, 0.3198,
0.1165

253.5527, 0.3204,

 0.2412, 0.3172,

0.2709

0.0459

304.7455, 0.3201,
0.2741

0.0000, 0.2546,
0.0000

0.0000, 0.0000,
0.0000

43.9252, 0.3236,
0.2325

43.9252, 0.3236,
0.2325

37.4569, 0.3266,
0.2120

51.9573, 0.3207,
0.2550

32.4437, 0.3296,
0.1944


61.6405, 0.3179,
0.2784

28.7730, 0.3325,
0.1805

73.0627, 0.3154,
0.3020


26.3124, 0.3351,
0.1710

86.3042, 0.3131,
0.3251


 24.9033, 0.3375,
0.1659


 96.8885, 0.3113,
0.3404

 24.3264, 0.3394,
0.1643

 96.9901, 0.3104,
0.3388

 97.0927, 0.3094,
0.3371

 97.1961, 0.3085,
0.3355

 97.3005, 0.3075,
0.3338

Harmonies

Analogous

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



43.9252, 0.2443, 0.2062



43.9252, 0.3236, 0.2325



43.9252, 0.4111, 0.2781

Triad

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



43.9252, 0.3236, 0.2325



43.9252, 0.4366, 0.4546



43.9252, 0.1761, 0.2904

Complementary

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



43.9252, 0.3236, 0.2325



71.2982, 0.3031, 0.4495

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.



43.9252, 0.2156, 0.3807



43.9252, 0.3236, 0.2325



43.9252, 0.3652, 0.4875

Square

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



43.9252, 0.3236, 0.2325



43.9252, 0.4783, 0.3969



43.9252, 0.2843, 0.4631



43.9252, 0.1689, 0.2300

Rectangle

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



43.9252, 0.3236, 0.2325



43.9252, 0.4563, 0.3154



43.9252, 0.2843, 0.4631



43.9252, 0.1856, 0.3182

Sweetspot

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



43.9272, 0.3236, 0.2325



80.4963, 0.3157, 0.2990



31.7351, 0.2393, 0.2014



16.5955, 0.3163, 0.2938



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.



43.9272, 0.3236, 0.2325



43.2341, 0.3261, 0.2151



41.4211, 0.3729, 0.2815



16.0115, 0.3149, 0.3073



13.0783, 0.3390, 0.1641



1.0936, 0.3364, 0.1627

Inverse Universe

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



43.9272, 0.3236, 0.2325



43.2341, 0.3261, 0.2151



73.2484, 0.2771, 0.3833



16.0115, 0.3149, 0.3073



13.0783, 0.3390, 0.1641



1.0936, 0.3364, 0.1627

Previews

White Background



This preview shows how the Yxy color 43.9252, 0.3236, 0.2325 looks on a white background.

Color Contrast Check

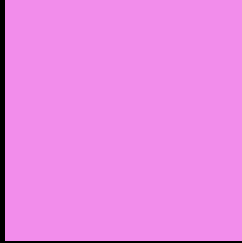
Large Text (above 18pt) WCAG AA × Fail

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 43.9252, 0.3236, 0.2325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

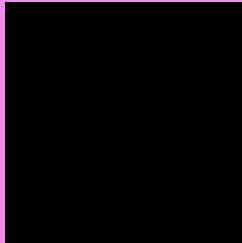
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.9252, 0.3236, 0.2325

Background



This preview shows how black text looks on a background with the Yxy color 43.9252, 0.3236, 0.2325.

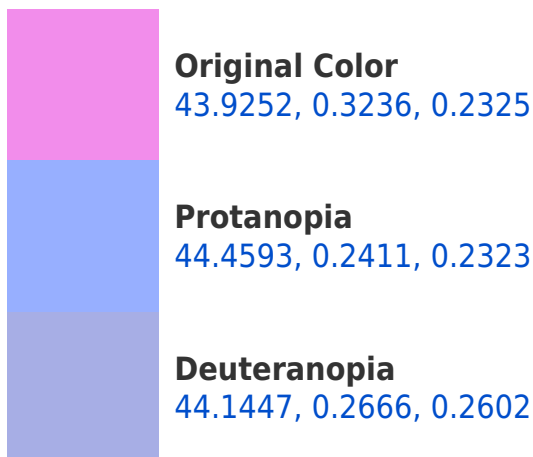


This preview shows how white text looks on a background with the Yxy color 43.9252, 0.3236, 0.2325.

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

44.0594, 0.3795, 0.3167

Trichromacy



Original Color

43.9252, 0.3236, 0.2325



Protanomaly

43.1620, 0.2657, 0.2302



Deuteranomaly

43.0795, 0.2851, 0.2476



Tritanomaly

43.9435, 0.3584, 0.2837

Monochromacy



Original Color

43.9252, 0.3236, 0.2325



Achromatopsia

46.7784, 0.3127, 0.3290



Achromatomaly

44.6918, 0.3173, 0.2879

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.9252, 0.3236, 0.2325 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(242, 141, 235)` looks like.

```
.text, #text, p{  
    color:rgb(242, 141, 235)  
}
```

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(242, 141, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 141, 235) }
```

Border

The CSS property to change the border of an element to Yxy 43.9252, 0.3236, 0.2325 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(242, 141, 235) }
```

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

```
.border{ border-color:rgb(242, 141, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 141, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 141, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 141, 235);  
box-shadow:4px 4px 4px 4px rgb(242, 141,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 43.9252, 0.3236, 0.2325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 141, 235) }
```

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

```
.background{ background-color: rgb(242,  
141, 235) }
```

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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