

Converting Colors

Yxy(43.4883, 0.3335, 0.2280)

Have a look what the booklet for
Yxy(43.4883, 0.3335, 0.2280)
contains.

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Color

Yxy(43.4687, 0.3332, 0.2280)

Conversions

Conversions Part 1

Format	Color
Hex	FC85EB
RGB	252, 133, 235
RGB Percent	99%, 52%, 92%
CMY	0.0118, 0.4784, 0.0783
CMYK	0.00, 0.47, 0.07, 0.01
HSL	309°, 95%, 75%
HSV	309°, 47%, 99%
XYZ	63.5253, 43.4687, 83.6582
YIQ	180.2090, 38.1820, 56.9500

Conversions

Conversions Part 2

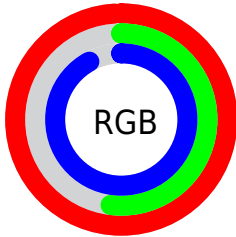
Format	Color
R _{YB}	252, 133, 235
Decimal	16549355
CIE _{Lab}	71.87, 58.40, -31.68
CIE _{LCh}	72, 66.439, 331.524
Yxy	43.4687, 0.3332, 0.2280
Android (android.graphics.Color)	4294739435 (0xFFFC85EB)
YUV	180.2090, 27.0120, 62.9607
Hunter-Lab	65.9308, 56.6085, -29.0803

Details

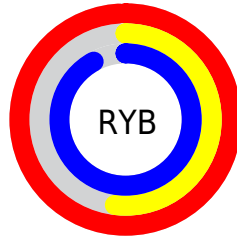
The Yxy color **43.4687, 0.3332, 0.2280** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **76.7978, 0.2978, 0.4576**, and the grayscale version is **45.5993, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.8752, 0.3157, 0.2644**, and **20.0409, 0.3363, 0.2052** is the 20% darker color. If you saturate the color by 10%, you get **37.1725, 0.3386, 0.2099**, and if you desaturate by 10%, it is **51.4277, 0.3280, 0.2484**.

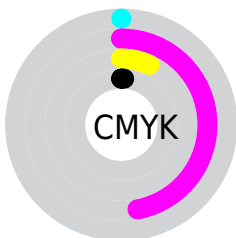
Distribution



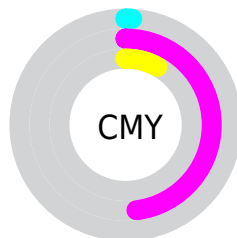
- Red (99%)
- Green (52%)
- Blue (92%)



- Red (99%)
- Yellow (52%)
- Blue (92%)



- Cyan (0%)
- Magenta (47%)
- Yellow (7%)
- Black (1%)





- Cyan (1%)
- Magenta (48%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.4687, 0.3332, 0.2280 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 43.4687, 0.3332, 0.2280 by changing the saturation by 10% instead.


 43.4687, 0.3332,
0.2280


 43.4687, 0.3332,
0.2280


360.5358, 0.3248,
0.2742


 30.2530, 0.3348,
0.2177


 80.4177, 0.3305,
0.2439

 20.0307, 0.3366,
0.2051


 104.9198, 0.3294,
0.2501

 12.4174, 0.3386,
0.1895


 133.9528, 0.3285,
0.2555

 7.0286, 0.3407,
0.1697

167.9012, 0.3276,
0.2602

 3.4800, 0.3425,
0.1440

207.1492, 0.3268,
0.2643

 1.3872, 0.3431,
0.1100

252.0814, 0.3261,

 0.2072, 0.3487,

0.2680

0.0383

303.0821, 0.3254,
0.2713

■ 0.0000, 0.3115,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 43.4687, 0.3332,
0.2280

■ 43.4687, 0.3332,
0.2280

■ 37.1725, 0.3386,
0.2099

■ 51.4277, 0.3280,
0.2484

■ 32.4130, 0.3442,
0.1951

■ 61.1521, 0.3233,
0.2700

■ 29.0554, 0.3498,
0.1844

■ 72.7429, 0.3190,
0.2921

■ 26.9393, 0.3551,
0.1782

■ 86.2919, 0.3152,
0.3138

■ 25.8578, 0.3600,
0.1765

■ 99.3027, 0.3120,
0.3309

■ 25.6533, 0.3614,
0.1764

■ 99.4319, 0.3109,
0.3290

Harmonies

Analogous

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



43.4687, 0.2444, 0.1976



43.4687, 0.3332, 0.2280



43.4687, 0.4293, 0.2782

Triad

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



43.4687, 0.3332, 0.2280



43.4687, 0.4400, 0.4695



43.4687, 0.1621, 0.2772

Complementary

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



43.4687, 0.3332, 0.2280



76.7978, 0.2978, 0.4576

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.



43.4687, 0.2004, 0.3759



43.4687, 0.3332, 0.2280



43.4687, 0.3598, 0.5052

Square

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



43.4687, 0.3332, 0.2280



43.4687, 0.4912, 0.4062



43.4687, 0.2721, 0.4731



43.4687, 0.1581, 0.2161

Rectangle

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



43.4687, 0.3332, 0.2280



43.4687, 0.4765, 0.3186



43.4687, 0.2721, 0.4731



43.4687, 0.1708, 0.3067

Sweetspot

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



43.4707, 0.3332, 0.2280



78.9763, 0.3177, 0.2991



30.1842, 0.2331, 0.1836



16.2882, 0.3186, 0.2944



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.



43.4707, 0.3332, 0.2280



38.2933, 0.3385, 0.2102



40.6309, 0.3937, 0.2835



17.4795, 0.3160, 0.3089



13.3822, 0.3606, 0.1760



1.2507, 0.3551, 0.1730

Inverse Universe

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



43.4707, 0.3332, 0.2280



38.2933, 0.3385, 0.2102



79.1686, 0.2697, 0.3819



17.4795, 0.3160, 0.3089



13.3822, 0.3606, 0.1760



1.2507, 0.3551, 0.1730

Previews

White Background



This preview shows how the Yxy color 43.4687, 0.3332, 0.2280 looks on a white background.

Color Contrast Check

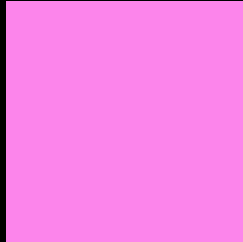
Large Text (above 18pt) WCAG AA × Fail

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 43.4687, 0.3332, 0.2280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

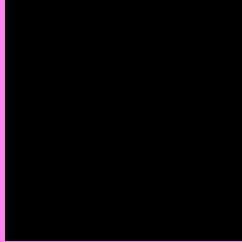
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.4687, 0.3332, 0.2280

Background



This preview shows how black text looks on a background with the Yxy color 43.4687, 0.3332, 0.2280.



This preview shows how white text looks on a background with the Yxy color 43.4687, 0.3332, 0.2280.

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

43.4687, 0.3332, 0.2280

Protanopia

43.9761, 0.2403, 0.2309

Deuteranopia

43.5956, 0.2663, 0.2599



Tritanopia

43.4406, 0.3964, 0.3171

Trichromacy



Original Color

43.4687, 0.3332, 0.2280



Protanomaly

42.1384, 0.2675, 0.2262



Deuteranomaly

42.0936, 0.2874, 0.2435



Tritanomaly

43.1702, 0.3726, 0.2819

Monochromacy



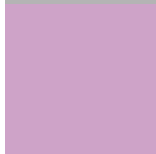
Original Color

43.4687, 0.3332, 0.2280



Achromatopsia

45.6411, 0.3127, 0.3290



Achromatomaly

43.4863, 0.3203, 0.2844

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.4687, 0.3332, 0.2280 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(252, 133, 235)` looks like.

```
.text, #text, p{  
    color:rgb(252, 133, 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(252, 133, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 133, 235) }
```

Border

The CSS property to change the border of an element to Yxy 43.4687, 0.3332, 0.2280 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(252, 133, 235) }
```

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

```
.border{ border-color:rgb(252, 133, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 133, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 133, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 133, 235);  
box-shadow:4px 4px 4px 4px rgb(252, 133,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 43.4687, 0.3332, 0.2280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 133, 235) }
```

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

```
.background{ background-color: rgb(252,  
133, 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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