

Converting Colors

$Y_{xy}(44.7159, 0.3436, 0.2506)$

Have a look what the booklet for
Yxy(44.7159, 0.3436, 0.2506)
contains.

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Color

Yxy(44.7159, 0.3436, 0.2506)

Conversions

Conversions Part 1

Format	Color
Hex	F88FDB
RGB	248, 143, 219
RGB Percent	97%, 56%, 86%
CMY	0.0276, 0.4391, 0.1412
CMYK	0.00, 0.42, 0.12, 0.03
HSL	317°, 88%, 77%
HSV	317°, 42%, 97%
XYZ	61.3104, 44.7159, 72.4091
YIQ	183.0590, 38.1840, 45.8960

Conversions

Conversions Part 2

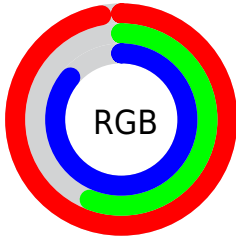
Format	Color
R _Y B	248, 143, 219
Decimal	16289755
CIE Lab	72.70, 49.67, -21.63
CIE LCh	73, 54.178, 336.466
Yxy	44.7159, 0.3436, 0.2506
Android (android.graphics.Color)	4294479835 (0xFFFF88FDB)
YUV	183.0590, 17.7189, 56.9533
Hunter-Lab	66.8699, 46.6371, -17.3923

Details

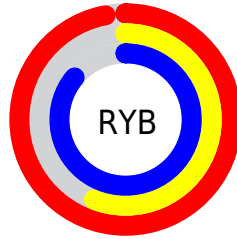
The Yxy color **44.7159, 0.3436, 0.2506** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **75.9368, 0.2921, 0.4237**, and the grayscale version is **47.2758, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.3268, 0.3153, 0.2742**, and **20.7722, 0.3511, 0.2314** is the 20% darker color. If you saturate the color by 10%, you get **37.7227, 0.3536, 0.2336**, and if you desaturate by 10%, it is **53.3734, 0.3346, 0.2690**.

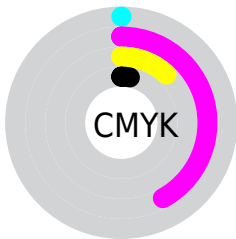
Distribution



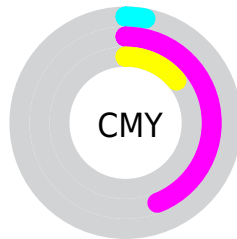
- Red (97%)
- Green (56%)
- Blue (86%)



- Red (97%)
- Yellow (56%)
- Blue (86%)



- Cyan (0%)
- Magenta (42%)
- Yellow (12%)
- Black (3%)





- Cyan (3%)
- Magenta (44%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.7159, 0.3436, 0.2506 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 44.7159, 0.3436, 0.2506 by changing the saturation by 10% instead.


 44.7159, 0.3436,
0.2506


 44.7159, 0.3436,
0.2506


365.6217, 0.3293,
0.2873

 31.2337, 0.3468,
0.2422

 82.2939, 0.3387,
0.2634

 20.7769, 0.3508,
0.2318


 107.1585, 0.3367,
0.2683

 12.9610, 0.3558,
0.2186


136.5861, 0.3351,
0.2726

 7.4017, 0.3621,
0.2015

170.9610, 0.3336,
0.2763

 3.7146, 0.3706,
0.1784

210.6676, 0.3324,
0.2795

 1.5152, 0.3820,
0.1460

256.0903, 0.3312,

 0.2994, 0.4092,

0.2824

0.0728

307.6136, 0.3302,
0.2850

■ 0.0000, 0.4127,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 44.7159, 0.3436,
0.2506

■ 44.7159, 0.3436,
0.2506

■ 37.7227, 0.3536,
0.2336

■ 53.3734, 0.3346,
0.2690

■ 32.2779, 0.3645,
0.2191

■ 63.7888, 0.3266,
0.2880

■ 28.2603, 0.3760,
0.2081

■ 76.0561, 0.3198,
0.3068

■ 25.5282, 0.3877,
0.2017

■ 90.2606, 0.3139,
0.3249

■ 23.9102, 0.3991,
0.2002

■ 98.5772, 0.3094,
0.3307

■ 23.2254, 0.4076,
0.2019

■ 98.6908, 0.3084,
0.3290

Harmonies

Analogous

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



44.7159, 0.2679, 0.2212



44.7159, 0.3436, 0.2506



44.7159, 0.4181, 0.2963

Triad

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



44.7159, 0.3436, 0.2506



44.7159, 0.4113, 0.4541



44.7159, 0.1840, 0.2783

Complementary

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



44.7159, 0.3436, 0.2506



75.9368, 0.2921, 0.4237

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.



44.7159, 0.2132, 0.3537



44.7159, 0.3436, 0.2506



44.7159, 0.3430, 0.4699

Square

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



44.7159, 0.3436, 0.2506



44.7159, 0.4564, 0.4071



44.7159, 0.2704, 0.4319



44.7159, 0.1843, 0.2310

Rectangle

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



44.7159, 0.3436, 0.2506



44.7159, 0.4518, 0.3322



44.7159, 0.2704, 0.4319



44.7159, 0.1904, 0.3009

Sweetspot

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



44.7180, 0.3436, 0.2506



80.0672, 0.3202, 0.3055



35.0880, 0.2534, 0.2041



16.4886, 0.3217, 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.



44.7180, 0.3436, 0.2506



41.0336, 0.3523, 0.2356



42.4132, 0.3967, 0.3029



17.4380, 0.3180, 0.3120



12.5749, 0.4059, 0.2010



1.1826, 0.3933, 0.1941

Inverse Universe

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



44.7180, 0.3436, 0.2506



41.0336, 0.3523, 0.2356



78.3117, 0.2664, 0.3579



17.4380, 0.3180, 0.3120



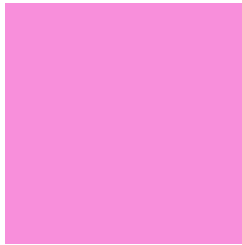
12.5749, 0.4059, 0.2010



1.1826, 0.3933, 0.1941

Previews

White Background



This preview shows how the Yxy color 44.7159, 0.3436, 0.2506 looks on a white background.

Color Contrast Check

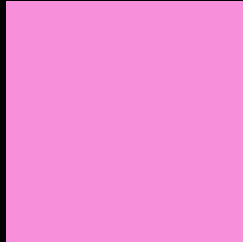
Large Text (above 18pt) WCAG AA × Fail

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 44.7159, 0.3436, 0.2506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

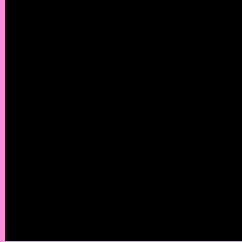
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.7159, 0.3436, 0.2506

Background



This preview shows how black text looks on a background with the Yxy color 44.7159, 0.3436, 0.2506.

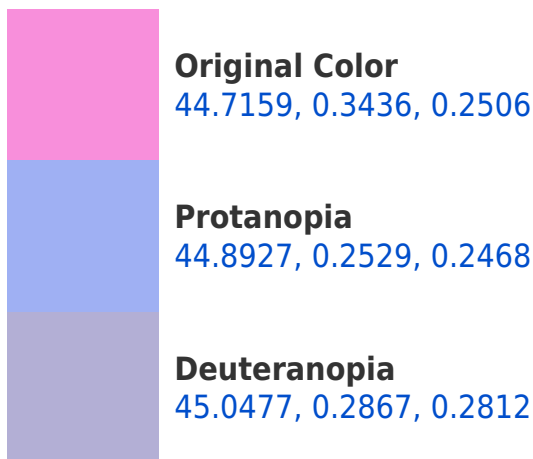


This preview shows how white text looks on a background with the Yxy color 44.7159, 0.3436, 0.2506.

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

44.7051, 0.3898, 0.3171

Trichromacy



Original Color

44.7159, 0.3436, 0.2506



Protanomaly

43.5678, 0.2806, 0.2464



Deuteranomaly

43.9381, 0.3059, 0.2674



Tritanomaly

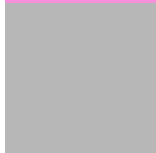
44.5486, 0.3723, 0.2911

Monochromacy



Original Color

44.7159, 0.3436, 0.2506



Achromatopsia

47.3531, 0.3127, 0.3290



Achromatomaly

45.2562, 0.3242, 0.2952

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.7159, 0.3436, 0.2506 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(248, 143, 219)` looks like.

```
.text, #text, p{  
    color:rgb(248, 143, 219)  
}
```

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(248, 143, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 143, 219) }
```

Border

The CSS property to change the border of an element to Yxy 44.7159, 0.3436, 0.2506 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(248, 143, 219) }
```

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

```
.border{ border-color:rgb(248, 143, 219) }
```

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

Here you see how a box with a 4 pixel rgb(248, 143, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 143, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 143, 219);  
box-shadow:4px 4px 4px 4px rgb(248, 143,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 44.7159, 0.3436, 0.2506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 143, 219) }
```

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

```
.background{ background-color: rgb(248,  
143, 219) }
```

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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