

Converting Colors

$Y_{xy}(44.6339, 0.3672, 0.2683)$

Have a look what the booklet for
Yxy(44.6339, 0.3672, 0.2683)
contains.

Yxy(44.6339, 0.3672, 0.2683)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(44.6339, 0.3672, 0.2683)

Conversions

Conversions Part 1

Format	Color
Hex	FE8EC9
RGB	254, 142, 201
RGB Percent	100%, 56%, 79%
CMY	0.0039, 0.4431, 0.2119
CMYK	0.00, 0.44, 0.21, 0.00
HSL	328°, 98%, 78%
HSV	328°, 44%, 100%
XYZ	61.0867, 44.6339, 60.6376
YIQ	182.2140, 47.8130, 42.0930

Conversions

Conversions Part 2

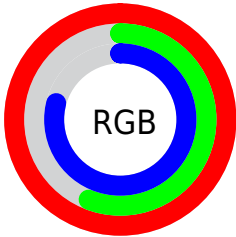
Format	Color
RYB	254, 142, 201
Decimal	16682697
CIELab	72.65, 49.38, -11.70
CIELCh	73, 50.747, 346.668
Yxy	44.6339, 0.3672, 0.2683
Android (android.graphics.Color)	4294872777 (0xFFFE8EC9)
YUV	182.2140, 9.2615, 62.9563
Hunter-Lab	66.8086, 46.2971, -7.0474

Details

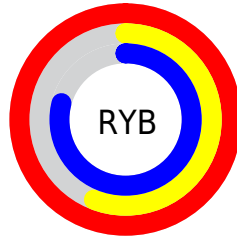
The Yxy color $44.6339, 0.3672, 0.2683$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $80.5788, 0.2805, 0.4004$, and the grayscale version is $46.8320, 0.3127, 0.3290$.

A 20% lighter version of the original color is $68.8682, 0.3153, 0.2732$, and $20.6881, 0.3817, 0.2526$ is the 20% darker color. If you saturate the color by 10%, you get $37.3749, 0.3858, 0.2558$, and if you desaturate by 10%, it is $53.6634, 0.3510, 0.2821$.

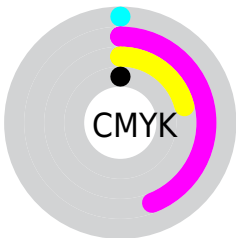
Distribution



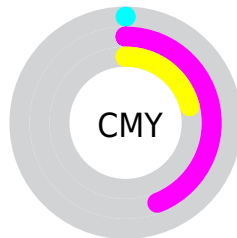
- Red (100%)
- Green (56%)
- Blue (79%)



- Red (100%)
- Yellow (56%)
- Blue (79%)



- Cyan (0%)
- Magenta (44%)
- Yellow (21%)
- Black (0%)





- Cyan (0%)
- Magenta (44%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.6339, 0.3672, 0.2683 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 44.6339, 0.3672, 0.2683 by changing the saturation by 10% instead.

 44.6339, 0.3672,
0.2683


 44.6339, 0.3672,
0.2683


365.2888, 0.3406,
0.2974

 31.1692, 0.3737,
0.2614


 82.1708, 0.3577,
0.2786

 20.7277, 0.3818,
0.2529


 107.0117, 0.3540,
0.2825

 12.9251, 0.3925,
0.2418


136.4134, 0.3510,
0.2859

 7.3770, 0.4070,
0.2271

170.7605, 0.3483,
0.2888

 3.6990, 0.4279,
0.2066

210.4371, 0.3460,
0.2913

 1.5066, 0.4600,
0.1764

255.8278, 0.3440,

 0.2934, 0.5355,

0.2936

0.0945

307.3169, 0.3422,
0.2956

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

44.6339, 0.3672,
0.2683

44.6339, 0.3672,
0.2683

37.3749, 0.3858,
0.2558

53.6634, 0.3510,
0.2821

31.7605, 0.4067,
0.2458

64.5652, 0.3373,
0.2963

27.6582, 0.4293,
0.2394

77.4410, 0.3257,
0.3103

24.9121, 0.4526,
0.2380

92.3833, 0.3161,
0.3237

■ 23.3315, 0.4755,
0.2420

99.8113, 0.3121,
0.3290

■ 22.7851, 0.4886,
0.2465

Harmonies

Analogous

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



44.6339, 0.2936, 0.2343



44.6339, 0.3672, 0.2683



44.6339, 0.4297, 0.3157

Triad

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



44.6339, 0.3672, 0.2683



44.6339, 0.3861, 0.4564



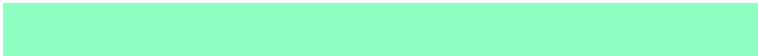
44.6339, 0.1879, 0.2634

Complementary

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



44.6339, 0.3672, 0.2683



80.5788, 0.2805, 0.4004

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.



44.6339, 0.2063, 0.3265



44.6339, 0.3672, 0.2683



44.6339, 0.3182, 0.4541

Square

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



44.6339, 0.3672, 0.2683



44.6339, 0.4375, 0.4205



44.6339, 0.2525, 0.4024



44.6339, 0.1973, 0.2279

Rectangle

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



44.6339, 0.3672, 0.2683



44.6339, 0.4520, 0.3510



44.6339, 0.2525, 0.4024



44.6339, 0.1909, 0.2816

Sweetspot

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



44.6360, 0.3672, 0.2683



79.6729, 0.3246, 0.3118



38.0103, 0.2677, 0.2040



16.3910, 0.3269, 0.3088



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.



44.6360, 0.3672, 0.2683



38.4188, 0.3837, 0.2571



42.4875, 0.4268, 0.3254



18.1469, 0.3211, 0.3166



12.0424, 0.4852, 0.2446



1.1946, 0.4613, 0.2315

Inverse Universe

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



44.6360, 0.3672, 0.2683



38.4188, 0.3837, 0.2571



83.5560, 0.2547, 0.3331



18.1469, 0.3211, 0.3166



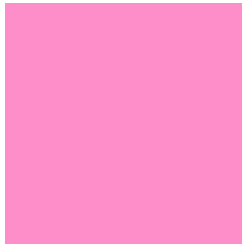
12.0424, 0.4852, 0.2446



1.1946, 0.4613, 0.2315

Previews

White Background



This preview shows how the Yxy color 44.6339, 0.3672, 0.2683 looks on a white background.

Color Contrast Check

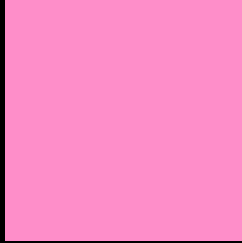
Large Text (above 18pt) WCAG AA × Fail

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 44.6339, 0.3672, 0.2683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

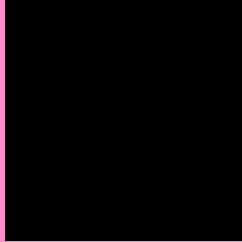
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.6339, 0.3672, 0.2683

Background



This preview shows how black text looks on a background with the Yxy color 44.6339, 0.3672, 0.2683.



This preview shows how white text looks on a background with the Yxy color 44.6339, 0.3672, 0.2683.

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

44.6339, 0.3672, 0.2683

Protanopia

45.0416, 0.2702, 0.2697

Deuteranopia

44.9490, 0.3071, 0.3011



Tritanopia

44.7099, 0.4031, 0.3175

Trichromacy



Original Color

44.6339, 0.3672, 0.2683



Protanomaly

43.6509, 0.3007, 0.2667



Deuteranomaly

43.9149, 0.3276, 0.2862



Tritanomaly

44.5113, 0.3892, 0.2984

Monochromacy



Original Color

44.6339, 0.3672, 0.2683



Achromatopsia

46.7784, 0.3127, 0.3290



Achromatomaly

44.7215, 0.3313, 0.3023

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.6339, 0.3672, 0.2683 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(254, 142, 201)` looks like.

```
.text, #text, p{  
    color:rgb(254, 142, 201)  
}
```

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(254, 142, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 142, 201) }
```

Border

The CSS property to change the border of an element to Yxy 44.6339, 0.3672, 0.2683 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(254, 142, 201) }
```

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

```
.border{ border-color:rgb(254, 142, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 142, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 142, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 142, 201);  
box-shadow:4px 4px 4px 4px rgb(254, 142,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 44.6339, 0.3672, 0.2683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 142, 201) }
```

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

```
.background{ background-color: rgb(254,  
142, 201) }
```

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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