

Converting Colors

$Y_{xy}(44.4720, 0.3395, 0.2701)$

Have a look what the booklet for
Yxy(44.4720, 0.3395, 0.2701)
contains.

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Color

Yxy(44.3945, 0.3398, 0.2703)

Conversions

Conversions Part 1

Format	Color
Hex	E899CE
RGB	232, 153, 206
RGB Percent	91%, 60%, 81%
CMY	0.0903, 0.4000, 0.1920
CMYK	0.00, 0.34, 0.11, 0.09
HSL	320°, 63%, 75%
HSV	320°, 34%, 91%
XYZ	55.8093, 44.3945, 64.0378
YIQ	182.6630, 30.0710, 33.2310

Conversions

Conversions Part 2

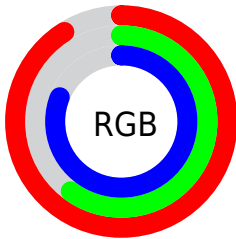
Format	Color
R_{YB}	232, 153, 206
Decimal	15243726
CIE _{Lab}	72.49, 37.26, -15.00
CIE _{LCh}	72, 40.166, 338.078
Yxy	44.3945, 0.3398, 0.2703
Android (android.graphics.Color)	4293433806 (0xFFE899CE)
YUV	182.6630, 11.5051, 43.2685
Hunter-Lab	66.6292, 32.9123, -10.3436

Details

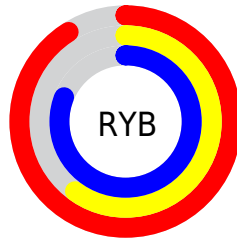
The Yxy color **44.3945, 0.3398, 0.2703** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **67.7311, 0.2933, 0.3963**, and the grayscale version is **47.0850, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.5918, 0.3149, 0.2831**, and **20.4953, 0.3462, 0.2543** is the 20% darker color. If you saturate the color by 10%, you get **37.1642, 0.3507, 0.2532**, and if you desaturate by 10%, it is **53.1230, 0.3303, 0.2880**.

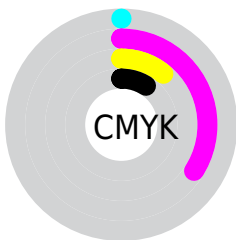
Distribution



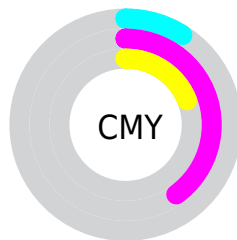
- Red (91%)
- Green (60%)
- Blue (81%)



- Red (91%)
- Yellow (60%)
- Blue (81%)



- Cyan (0%)
- Magenta (34%)
- Yellow (11%)
- Black (9%)




- Cyan (9%)
- Magenta (40%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.3945, 0.3398, 0.2703 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 44.3945, 0.3398, 0.2703 by changing the saturation by 10% instead.


 44.3945, 0.3398,
0.2703

 44.3945, 0.3398,
0.2703


364.3157, 0.3269,
0.2984

 30.9808, 0.3429,
0.2637


 81.8110, 0.3352,
0.2802

 20.5842, 0.3467,
0.2553


 106.5826, 0.3335,
0.2840

 12.8204, 0.3516,
0.2446


135.9090, 0.3320,
0.2873

 7.3050, 0.3582,
0.2304

170.1745, 0.3307,
0.2901

 3.6536, 0.3673,
0.2104

209.7635, 0.3295,
0.2926

 1.4817, 0.3809,
0.1810

255.0604, 0.3285,

 0.2758, 0.4204,

0.2947

0.0953

306.4497, 0.3276,
0.2967

0.0000, 0.4548,
0.0000

0.0000, 0.0000,
0.0000

44.3945, 0.3398,
0.2703

44.3945, 0.3398,
0.2703

37.1642, 0.3507,
0.2532

53.1230, 0.3303,
0.2880

31.3400, 0.3629,
0.2376

63.4228, 0.3221,
0.3055

26.8287, 0.3763,
0.2245

75.3695, 0.3152,
0.3224

23.5237, 0.3905,
0.2151

89.0321, 0.3094,
0.3384

■ 21.3011, 0.4049,
0.2104

■ 95.2140, 0.3047,
0.3398

■ 20.0104, 0.4191,
0.2107

■ 95.6873, 0.3005,
0.3322

■ 19.5448, 0.4274,
0.2128

■ 95.8932, 0.2987,
0.3290

Harmonies

Analogous

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



44.3945, 0.2825, 0.2461



44.3945, 0.3398, 0.2703



44.3945, 0.3935, 0.3075

Triad

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



44.3945, 0.3398, 0.2703



44.3945, 0.3869, 0.4257



44.3945, 0.2129, 0.2904

Complementary

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



44.3945, 0.3398, 0.2703



67.7311, 0.2933, 0.3963

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.



44.3945, 0.2358, 0.3451



44.3945, 0.3398, 0.2703



44.3945, 0.3350, 0.4311

Square

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



44.3945, 0.3398, 0.2703



44.3945, 0.4206, 0.3942



44.3945, 0.2797, 0.4006



44.3945, 0.2139, 0.2538

Rectangle

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



44.3945, 0.3398, 0.2703



44.3945, 0.4174, 0.3364



44.3945, 0.2797, 0.4006



44.3945, 0.2179, 0.3072

Sweetspot

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



44.3965, 0.3398, 0.2703



84.2676, 0.3192, 0.3123



38.0781, 0.2707, 0.2325



17.5999, 0.3202, 0.3099



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.



44.3965, 0.3398, 0.2703



48.4178, 0.3475, 0.2580



42.7470, 0.3779, 0.3126



14.5304, 0.3188, 0.3133



10.8763, 0.4252, 0.2116



0.8207, 0.4062, 0.2011

Inverse Universe

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



44.3965, 0.3398, 0.2703



48.4178, 0.3475, 0.2580



69.5139, 0.2721, 0.3465



14.5304, 0.3188, 0.3133



10.8763, 0.4252, 0.2116



0.8207, 0.4062, 0.2011

Previews

White Background



This preview shows how the Yxy color 44.3945, 0.3398, 0.2703 looks on a white background.

Color Contrast Check

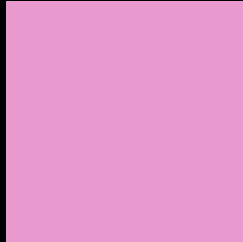
Large Text (above 18pt) WCAG AA × Fail

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 44.3945, 0.3398, 0.2703 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

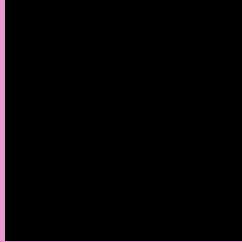
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.3945, 0.3398, 0.2703

Background



This preview shows how black text looks on a background with the Yxy color 44.3945, 0.3398, 0.2703.



This preview shows how white text looks on a background with the Yxy color 44.3945, 0.3398, 0.2703.

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

44.3945, 0.3398, 0.2703

Protanopia

44.5401, 0.2713, 0.2707

Deuteranopia

44.7267, 0.2990, 0.2935



Tritanopia

44.2688, 0.3678, 0.3141

Trichromacy



Original Color

44.3945, 0.3398, 0.2703



Protanomaly

44.0395, 0.2940, 0.2704



Deuteranomaly

44.0017, 0.3130, 0.2840



Tritanomaly

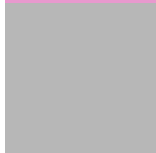
44.2326, 0.3574, 0.2982

Monochromacy



Original Color

44.3945, 0.3398, 0.2703



Achromatopsia

47.3531, 0.3127, 0.3290



Achromatomaly

45.6841, 0.3227, 0.3056

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.3945, 0.3398, 0.2703 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(232, 153, 206)` looks like.

```
.text, #text, p{  
    color:rgb(232, 153, 206)  
}
```

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(232, 153, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 153, 206) }
```

Border

The CSS property to change the border of an element to Yxy 44.3945, 0.3398, 0.2703 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(232, 153, 206) }
```

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

```
.border{ border-color:rgb(232, 153, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 153, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 153, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 153, 206);  
box-shadow:4px 4px 4px 4px rgb(232, 153,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 44.3945, 0.3398, 0.2703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 153, 206) }
```

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

```
.background{ background-color: rgb(232,  
153, 206) }
```

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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