

Converting Colors

$Yxy(45.8766, 0.3588, 0.2976)$

Have a look what the booklet for
Yxy(45.8766, 0.3588, 0.2976)
contains.

Yxy(45.8766, 0.3588, 0.2976)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(45.8766, 0.3588, 0.2976)

Conversions

Conversions Part 1

Format	Color
Hex	EA9FBB
RGB	234, 159, 187
RGB Percent	92%, 62%, 73%
CMY	0.0822, 0.3765, 0.2666
CMYK	0.00, 0.32, 0.20, 0.08
HSL	338°, 64%, 77%
HSV	338°, 32%, 92%
XYZ	55.3109, 45.8766, 52.9677
YIQ	184.6170, 35.7120, 24.6080

Conversions

Conversions Part 2

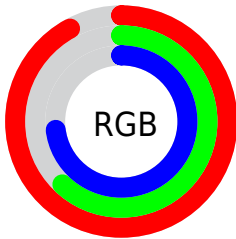
Format	Color
RYB	234, 159, 187
Decimal	15376315
CIELab	73.47, 31.81, -3.04
CIElCh	73, 31.959, 354.535
Yxy	45.8766, 0.3588, 0.2976
Android (android.graphics.Color)	4293566395 (0xFFEA9FBB)
YUV	184.6170, 1.1748, 43.3089
Hunter-Lab	67.7323, 27.2336, 1.0468

Details

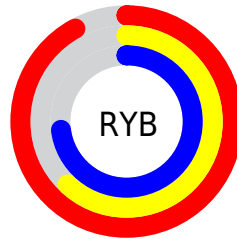
The Yxy color **45.8766, 0.3588, 0.2976** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **70.6930, 0.2818, 0.3631**, and the grayscale version is **48.2726, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.8242, 0.3227, 0.3004**, and **21.5837, 0.3715, 0.2896** is the 20% darker color. If you saturate the color by 10%, you get **37.9819, 0.3799, 0.2876**, and if you desaturate by 10%, it is **55.3634, 0.3412, 0.3078**.

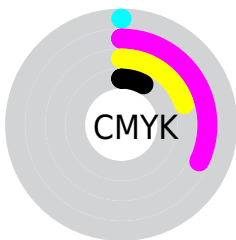
Distribution



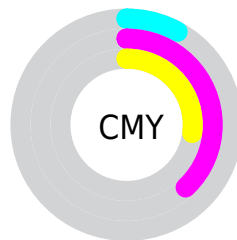
- Red (92%)
- Green (62%)
- Blue (73%)



- Red (92%)
- Yellow (62%)
- Blue (73%)



- Cyan (0%)
- Magenta (32%)
- Yellow (20%)
- Black (8%)




- Cyan (8%)
- Magenta (38%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.8766, 0.3588, 0.2976 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 45.8766, 0.3588, 0.2976 by changing the saturation by 10% instead.


 45.8766, 0.3588,
0.2976


 45.8766, 0.3588,
0.2976


370.3123, 0.3358,
0.3131

 32.1485, 0.3645,
0.2938


 84.0343, 0.3505,
0.3032

 21.4749, 0.3718,
0.2890


 109.2326, 0.3473,
0.3053

 13.4716, 0.3815,
0.2826


139.0231, 0.3447,
0.3071

 7.7541, 0.3950,
0.2738

173.7902, 0.3424,
0.3086

 3.9380, 0.4149,
0.2610

213.9183, 0.3404,
0.3100

 1.6389, 0.4473,
0.2407

259.7918, 0.3387,

 0.3836, 0.5374,

0.3111

0.1750

311.7950, 0.3372,
0.3122

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

45.8766, 0.3588,
0.2976

45.8766, 0.3588,
0.2976

37.9819, 0.3799,
0.2876

55.3634, 0.3412,
0.3078

31.5848, 0.4049,
0.2786

66.5171, 0.3267,
0.3177

26.5905, 0.4335,
0.2715

79.4157, 0.3149,
0.3271

22.8908, 0.4650,
0.2676

94.1302, 0.3052,
0.3359

■ 20.3611, 0.4977,
0.2682

■ 96.2390, 0.3000,
0.3290

■ 18.8521, 0.5293,
0.2739

■ 18.1943, 0.5522,
0.2816

Harmonies

Analogous

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



45.8766, 0.3136, 0.2712



45.8766, 0.3588, 0.2976



45.8766, 0.3923, 0.3319

Triad

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



45.8766, 0.3588, 0.2976



45.8766, 0.3510, 0.4102



45.8766, 0.2304, 0.2810

Complementary

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



45.8766, 0.3588, 0.2976



70.6930, 0.2818, 0.3631

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.



45.8766, 0.2388, 0.3179



45.8766, 0.3588, 0.2976



45.8766, 0.3068, 0.3981

Square

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



45.8766, 0.3588, 0.2976



45.8766, 0.3865, 0.3972



45.8766, 0.2660, 0.3624



45.8766, 0.2418, 0.2605

Rectangle

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



45.8766, 0.3588, 0.2976



45.8766, 0.4020, 0.3560



45.8766, 0.2660, 0.3624



45.8766, 0.2310, 0.2918

Sweetspot

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



45.8787, 0.3588, 0.2976



83.8093, 0.3241, 0.3197



43.7508, 0.2920, 0.2433



17.4891, 0.3259, 0.3183



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.



45.8787, 0.3588, 0.2976



49.6566, 0.3713, 0.2914



47.9111, 0.3834, 0.3392



15.1471, 0.3234, 0.3202



10.2428, 0.5481, 0.2793



0.8224, 0.5104, 0.2585

Inverse Universe

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



45.8787, 0.3588, 0.2976



49.6566, 0.3713, 0.2914



67.3152, 0.2657, 0.3185



15.1471, 0.3234, 0.3202



10.2428, 0.5481, 0.2793



0.8224, 0.5104, 0.2585

Previews

White Background



This preview shows how the Yxy color 45.8766, 0.3588, 0.2976 looks on a white background.

Color Contrast Check

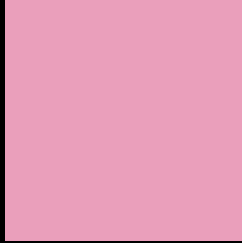
Large Text (above 18pt) WCAG AA × Fail

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 45.8766, 0.3588, 0.2976 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 45.8766, 0.3588, 0.2976

Background



This preview shows how black text looks on a background with the Yxy color 45.8766, 0.3588, 0.2976.



This preview shows how white text looks on a background with the Yxy color 45.8766, 0.3588, 0.2976.

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

45.8766, 0.3588, 0.2976

Protanopia

46.3964, 0.2964, 0.3034

Deuteranopia

45.9910, 0.3248, 0.3177



Tritanopia

45.8694, 0.3700, 0.3144

Trichromacy



Original Color

45.8766, 0.3588, 0.2976

Protanomaly

45.5873, 0.3176, 0.3006

Deuteranomaly

45.5804, 0.3365, 0.3097

Tritanomaly

45.7199, 0.3654, 0.3076

Monochromacy



Original Color

45.8766, 0.3588, 0.2976

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

47.2923, 0.3283, 0.3167

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.8766, 0.3588, 0.2976 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(234, 159, 187)` looks like.

```
.text, #text, p{  
    color:rgb(234, 159, 187)  
}
```

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(234, 159, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 159, 187) }
```

Border

The CSS property to change the border of an element to Yxy 45.8766, 0.3588, 0.2976 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(234, 159, 187) }
```

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

```
.border{ border-color:rgb(234, 159, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 159, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 159, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 159, 187);  
box-shadow:4px 4px 4px 4px rgb(234, 159,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 45.8766, 0.3588, 0.2976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 159, 187) }
```

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

```
.background{ background-color: rgb(234,  
159, 187) }
```

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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