

Converting Colors

$Y_{xy}(47.0988, 0.3329, 0.2611)$

Have a look what the booklet for
Yxy(47.0988, 0.3329, 0.2611)
contains.

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Color

Yxy(47.0685, 0.3331, 0.2616)

Conversions

Conversions Part 1

Format	Color
Hex	EE9CDB
RGB	238, 156, 219
RGB Percent	93%, 61%, 86%
CMY	0.0666, 0.3882, 0.1413
CMYK	0.00, 0.34, 0.08, 0.07
HSL	314°, 71%, 77%
HSV	314°, 34%, 93%
XYZ	59.9332, 47.0685, 72.9238
YIQ	187.7000, 28.6490, 36.9770

Conversions

Conversions Part 2

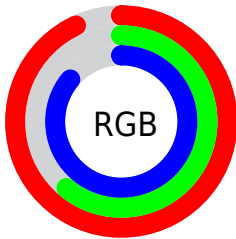
Format	Color
R _Y B	238, 156, 219
Decimal	15637723
CIE Lab	74.23, 39.82, -19.41
CIE LCh	74, 44.299, 334.015
Yxy	47.0685, 0.3331, 0.2616
Android (android.graphics.Color)	4293827803 (0xFFEE9CDB)
YUV	187.7000, 15.4309, 44.1131
Hunter-Lab	68.6065, 35.8725, -14.9965

Details

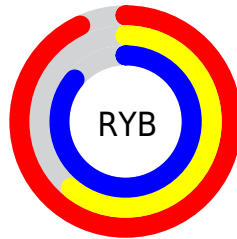
The Yxy color **47.0685, 0.3331, 0.2616** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **71.3192, 0.2974, 0.4076**, and the grayscale version is **50.0102, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.5670, 0.3147, 0.2871**, and **22.2046, 0.3378, 0.2451** is the 20% darker color. If you saturate the color by 10%, you get **39.5637, 0.3409, 0.2425**, and if you desaturate by 10%, it is **56.1521, 0.3261, 0.2815**.

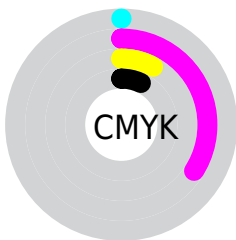
Distribution



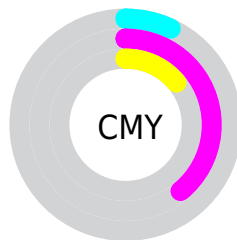
- Red (93%)
- Green (61%)
- Blue (86%)



- Red (93%)
- Yellow (61%)
- Blue (86%)



- Cyan (0%)
- Magenta (34%)
- Yellow (8%)
- Black (7%)





- Cyan (7%)
- Magenta (39%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.0685, 0.3331, 0.2616 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 47.0685, 0.3331, 0.2616 by changing the saturation by 10% instead.


 47.0685, 0.3331,
0.2616


 47.0685, 0.3331,
0.2616

375.0879, 0.3238,
0.2932

 33.0898, 0.3352,
0.2543


 85.8159, 0.3299,
0.2727

 22.1953, 0.3377,
0.2452


 111.3533, 0.3287,
0.2769

 14.0004, 0.3408,
0.2337


141.5125, 0.3276,
0.2806

 8.1210, 0.3448,
0.2186

176.6778, 0.3266,
0.2838

 4.1725, 0.3500,
0.1980

217.2336, 0.3258,
0.2866

 1.7705, 0.3567,
0.1687

263.5643, 0.3251,

 0.4687, 0.3706,

0.2891

0.1114

316.0542, 0.3244,
0.2913

0.0000, 0.3557,
0.0000

0.0000, 0.0000,
0.0000

47.0685, 0.3331,
0.2616

47.0685, 0.3331,
0.2616

39.5637, 0.3409,
0.2425

56.1521, 0.3261,
0.2815

33.5394, 0.3494,
0.2252

66.8926, 0.3201,
0.3013

28.8964, 0.3585,
0.2106

79.3705, 0.3148,
0.3207

25.5203, 0.3679,
0.1998

93.6593, 0.3103,
0.3391

■ 23.2786, 0.3773,
0.1936

■ 96.3892, 0.3070,
0.3373

■ 22.0091, 0.3864,
0.1922

■ 96.7347, 0.3039,
0.3318

■ 21.5872, 0.3913,
0.1929

■ 96.9186, 0.3023,
0.3290

Harmonies

Analogous

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



47.0685, 0.2724, 0.2381



47.0685, 0.3331, 0.2616



47.0685, 0.3933, 0.2996

Triad

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



47.0685, 0.3331, 0.2616



47.0685, 0.3987, 0.4296



47.0685, 0.2075, 0.2939

Complementary

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



47.0685, 0.3331, 0.2616



71.3192, 0.2974, 0.4076

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.



47.0685, 0.2350, 0.3550



47.0685, 0.3331, 0.2616



47.0685, 0.3443, 0.4414

Square

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



47.0685, 0.3331, 0.2616



47.0685, 0.4316, 0.3924



47.0685, 0.2844, 0.4137



47.0685, 0.2052, 0.2517

Rectangle

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



47.0685, 0.3331, 0.2616



47.0685, 0.4219, 0.3299



47.0685, 0.2844, 0.4137



47.0685, 0.2139, 0.3128

Sweetspot

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



47.0706, 0.3331, 0.2616



84.4203, 0.3176, 0.3100



38.9253, 0.2636, 0.2294



17.6370, 0.3184, 0.3072



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.



47.0706, 0.3331, 0.2616



48.9708, 0.3382, 0.2487



45.2221, 0.3709, 0.3033



15.9650, 0.3173, 0.3110



12.0634, 0.3900, 0.1922



1.0186, 0.3790, 0.1861

Inverse Universe

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



47.0706, 0.3331, 0.2616



48.9708, 0.3382, 0.2487



73.1171, 0.2758, 0.3568



15.9650, 0.3173, 0.3110



12.0634, 0.3900, 0.1922



1.0186, 0.3790, 0.1861

Previews

White Background



This preview shows how the Yxy color 47.0685, 0.3331, 0.2616 looks on a white background.

Color Contrast Check

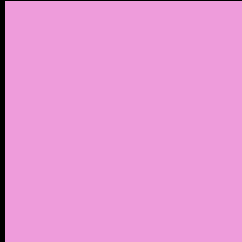
Large Text (above 18pt) WCAG AA × Fail

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 47.0685, 0.3331, 0.2616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

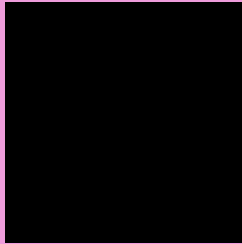
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.0685, 0.3331, 0.2616

Background



This preview shows how black text looks on a background with the Yxy color 47.0685, 0.3331, 0.2616.



This preview shows how white text looks on a background with the Yxy color 47.0685, 0.3331, 0.2616.

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

47.0685, 0.3331, 0.2616

Protanopia

47.4287, 0.2638, 0.2617

Deuteranopia

47.4608, 0.2902, 0.2846



Tritanopia

47.0489, 0.3663, 0.3144

Trichromacy



Original Color

47.0685, 0.3331, 0.2616



Protanomaly

46.5557, 0.2855, 0.2605



Deuteranomaly

46.9211, 0.3049, 0.2759



Tritanomaly

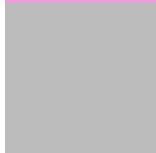
46.9577, 0.3545, 0.2945

Monochromacy



Original Color

47.0685, 0.3331, 0.2616



Achromatopsia

50.2886, 0.3127, 0.3290



Achromatomaly

48.2960, 0.3201, 0.3014

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.0685, 0.3331, 0.2616 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(238, 156, 219)` looks like.

```
.text, #text, p{  
    color:rgb(238, 156, 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(238, 156, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 156, 219) }
```

Border

The CSS property to change the border of an element to Yxy 47.0685, 0.3331, 0.2616 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(238, 156, 219) }
```

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

```
.border{ border-color:rgb(238, 156, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 156, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 156, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 156, 219);  
box-shadow:4px 4px 4px 4px rgb(238, 156,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 47.0685, 0.3331, 0.2616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 156, 219) }
```

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

```
.background{ background-color: rgb(238,  
156, 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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