

Converting Colors

Yxy(47.8926, 0.3147, 0.2490)

Have a look what the booklet for
Yxy(47.8926, 0.3147, 0.2490)
contains.

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Color

Yxy(47.8926, 0.3147, 0.2490)

Conversions

Conversions Part 1

Format	Color
Hex	E89FEA
RGB	232, 159, 234
RGB Percent	91%, 62%, 92%
CMY	0.0902, 0.3765, 0.0822
CMYK	0.01, 0.32, 0.00, 0.08
HSL	298°, 64%, 77%
HSV	298°, 32%, 92%
XYZ	60.5293, 47.8926, 83.9178
YIQ	189.3770, 19.4330, 38.8010

Conversions

Conversions Part 2

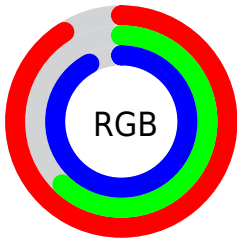
Format	Color
R _Y B	232, 159, 234
Decimal	15245290
CIE Lab	74.76, 38.98, -26.89
CIE LCh	75, 47.357, 325.399
Yxy	47.8926, 0.3147, 0.2490
Android (android.graphics.Color)	4293435370 (0xFFE89FEA)
YUV	189.3770, 21.9991, 37.3804
Hunter-Lab	69.2045, 35.0162, -23.4523

Details

The Yxy color **47.8926, 0.3147, 0.2490** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **68.9476, 0.3096, 0.4235**, and the grayscale version is **50.9807, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.0809, 0.3145, 0.2900**, and **22.6364, 0.3138, 0.2301** is the 20% darker color. If you saturate the color by 10%, you get **40.4870, 0.3151, 0.2251**, and if you desaturate by 10%, it is **56.8265, 0.3142, 0.2740**.

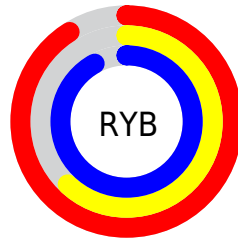
Distribution



Red (91%)

Green (62%)

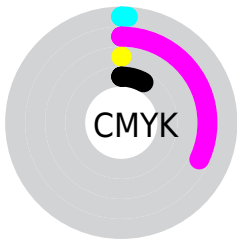
Blue (92%)



Red (91%)

Yellow (62%)

Blue (92%)

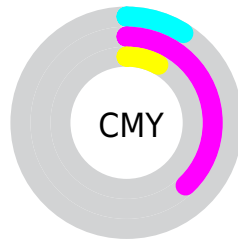


Cyan (1%)

Magenta (32%)

Yellow (0%)

Black (8%)



Cyan (9%)


Magenta (38%)


Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.8926, 0.3147, 0.2490 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 47.8926, 0.3147, 0.2490 by changing the saturation by 10% instead.


 47.8926, 0.3147,
0.2490

 47.8926, 0.3147,
0.2490


378.3663, 0.3147,
0.2860

 33.7418, 0.3144,
0.2406


 87.0445, 0.3149,
0.2618

 22.6953, 0.3140,
0.2303


 112.8144, 0.3149,
0.2668

 14.3687, 0.3131,
0.2173


143.2261, 0.3149,
0.2711

 8.3776, 0.3117,
0.2005

178.6641, 0.3149,
0.2749

 4.3375, 0.3090,
0.1782

219.5127, 0.3149,
0.2782

 1.8641, 0.3035,
0.1473

266.1564, 0.3148,

 0.5266, 0.2936,

0.2811

0.0959

318.9794, 0.3148,
0.2837

0.0000, 0.2385,
0.0000

0.0000, 0.0000,
0.0000

47.8926, 0.3147,
0.2490

47.8926, 0.3147,
0.2490

40.4870, 0.3151,
0.2251

56.8265, 0.3142,
0.2740

34.5171, 0.3154,
0.2033


67.3618, 0.3135,
0.2993

29.8902, 0.3154,
0.1846


79.5746, 0.3129,
0.3240


26.5003, 0.3153,
0.1698


93.5342, 0.3122,
0.3477

 24.2250, 0.3150,
0.1592


 95.1534, 0.3124,
0.3500

 22.9174, 0.3145,
0.1529

 95.2619, 0.3128,
0.3500

 22.3830, 0.3141,
0.1504

 95.3708, 0.3132,
0.3500

 95.4801, 0.3136,
0.3500

 95.5897, 0.3140,
0.3499

Harmonies

Analogous

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



47.8926, 0.2541, 0.2296



47.8926, 0.3147, 0.2490



47.8926, 0.3814, 0.2851

Triad

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



47.8926, 0.3147, 0.2490



47.8926, 0.4165, 0.4257



47.8926, 0.2071, 0.3085

Complementary

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



47.8926, 0.3147, 0.2490



68.9476, 0.3096, 0.4235

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.



47.8926, 0.2432, 0.3763



47.8926, 0.3147, 0.2490



47.8926, 0.3636, 0.4489

Square

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



47.8926, 0.3147, 0.2490



47.8926, 0.4426, 0.3815



47.8926, 0.3000, 0.4325



47.8926, 0.1973, 0.2571

Rectangle

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



47.8926, 0.3147, 0.2490



47.8926, 0.4175, 0.3154



47.8926, 0.3000, 0.4325



47.8926, 0.2163, 0.3302

Sweetspot

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



47.8947, 0.3147, 0.2490



84.6646, 0.3134, 0.3043



38.9805, 0.2558, 0.2375



17.6964, 0.3135, 0.3008



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.



47.8947, 0.3147, 0.2490



52.4721, 0.3150, 0.2342



46.4198, 0.3474, 0.2846



15.2917, 0.3134, 0.3058



12.5839, 0.3142, 0.1504



0.9947, 0.3152, 0.1510

Inverse Universe

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



44.8701, 0.3845, 0.3269



48.3116, 0.4048, 0.3265



70.1300, 0.2885, 0.3783



15.0607, 0.3289, 0.3284



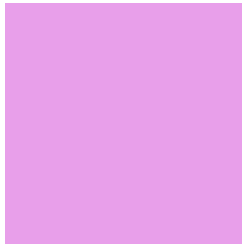
9.8406, 0.6371, 0.3284



0.7751, 0.6292, 0.3240

Previews

White Background



This preview shows how the Yxy color 47.8926, 0.3147, 0.2490 looks on a white background.

Color Contrast Check

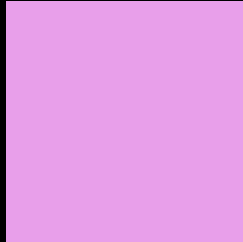
Large Text (above 18pt) WCAG AA × Fail

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 47.8926, 0.3147, 0.2490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

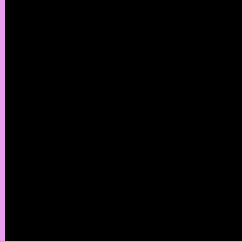
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.8926, 0.3147, 0.2490

Background



This preview shows how black text looks on a background with the Yxy color 47.8926, 0.3147, 0.2490.



This preview shows how white text looks on a background with the Yxy color 47.8926, 0.3147, 0.2490.

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

47.8926, 0.3147, 0.2490

Protanopia

48.3134, 0.2526, 0.2468

Deuteranopia

48.3446, 0.2755, 0.2696



Tritanopia

47.7609, 0.3530, 0.3140

Trichromacy



Original Color

47.8926, 0.3147, 0.2490



Protanomaly

47.6835, 0.2724, 0.2469



Deuteranomaly

47.6624, 0.2888, 0.2614



Tritanomaly

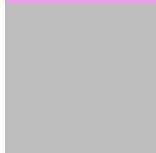
47.6213, 0.3391, 0.2884

Monochromacy



Original Color

47.8926, 0.3147, 0.2490



Achromatopsia

50.8881, 0.3127, 0.3290



Achromatomaly

49.2277, 0.3142, 0.2968

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.8926, 0.3147, 0.2490 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, 159, 234)` looks like.

```
.text, #text, p{  
    color:rgb(232, 159, 234)  
}
```

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, 159, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 159, 234) }
```

Border

The CSS property to change the border of an element to Yxy 47.8926, 0.3147, 0.2490 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, 159, 234) }
```

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

```
.border{ border-color:rgb(232, 159, 234) }
```

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

Here you see how a box with a 4 pixel rgb(232, 159, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 159, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 159, 234);  
box-shadow:4px 4px 4px 4px rgb(232, 159,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 47.8926, 0.3147, 0.2490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 159, 234) }
```

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

```
.background{ background-color: rgb(232,  
159, 234) }
```

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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