

Converting Colors

$Yxy(68.9531, 0.3074, 0.2873)$

Have a look what the booklet for
Yxy(68.9531, 0.3074, 0.2873)
contains.

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Color

Yxy(68.8625, 0.3074, 0.2869)

Conversions

Conversions Part 1

Format	Color
Hex	EDCEF7
RGB	237, 206, 247
RGB Percent	93%, 81%, 97%
CMY	0.0706, 0.1921, 0.0315
CMYK	0.04, 0.17, 0.00, 0.03
HSL	285°, 72%, 89%
HSV	285°, 17%, 97%
XYZ	73.7830, 68.8625, 97.3772
YIQ	219.9430, 5.3150, 19.3230

Conversions

Conversions Part 2

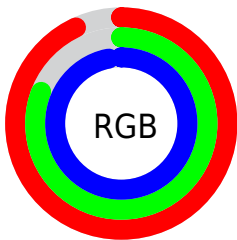
Format	Color
R _Y B	237, 206, 247
Decimal	15585015
CIE Lab	86.44, 17.99, -16.08
CIE LCh	86, 24.128, 318.214
Yxy	68.8625, 0.3074, 0.2869
Android (android.graphics.Color)	4293775095 (0xFFEDCEF7)
YUV	219.9430, 13.3391, 14.9590
Hunter-Lab	82.9834, 13.4885, -11.4857

Details

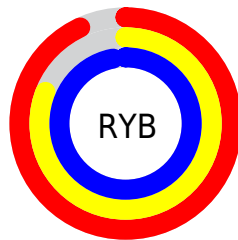
The Yxy color **68.8625, 0.3074, 0.2869** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **85.5576, 0.3170, 0.3731**, and the grayscale version is **71.4324, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.0418, 0.3056, 0.2775** is the 20% darker color. If you saturate the color by 10%, you get **56.8762, 0.3033, 0.2601**, and if you desaturate by 10%, it is **82.7577, 0.3108, 0.3127**.

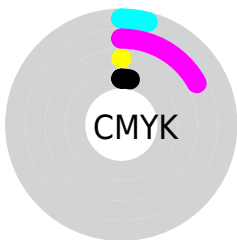
Distribution



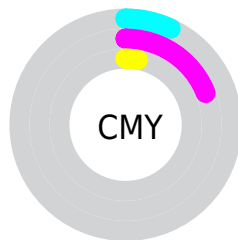
- Red (93%)
- Green (81%)
- Blue (97%)



- Red (93%)
- Yellow (81%)
- Blue (97%)



- Cyan (4%)
- Magenta (17%)
- Yellow (0%)
- Black (3%)





- Cyan (7%)
- Magenta (19%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.8625, 0.3074, 0.2869 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 68.8625, 0.3074, 0.2869 by changing the saturation by 10% instead.


 68.8625, 0.3074,
0.2869

 68.8625, 0.3074,
0.2869


456.5459, 0.3101,
0.3059

 50.5997, 0.3067,
0.2827


117.5852, 0.3084,
0.2934

 35.8902, 0.3058,
0.2775


148.8139, 0.3088,
0.2960

 24.3494, 0.3047,
0.2710


185.1333, 0.3091,
0.2982

 15.5930, 0.3031,
0.2627

226.9279, 0.3094,
0.3001

 9.2366, 0.3009,
0.2516

274.5821, 0.3096,
0.3018

 4.8958, 0.2974,
0.2361

328.4802, 0.3098,

 2.1863, 0.2914,

0.3034

0.2132

389.0067, 0.3100,
0.3047

0.7125, 0.2802,
0.1740

0.0000, 0.0846,
0.0000

68.8625, 0.3074,
0.2869

68.8625, 0.3074,
0.2869

56.8762, 0.3033,
0.2601

82.7577, 0.3108,
0.3127

46.7025, 0.2986,
0.2331

98.3782, 0.3136,
0.3368

38.2503, 0.2932,
0.2068

99.4938, 0.3174,
0.3367

31.4165, 0.2872,
0.1823

■ 26.0872, 0.2808,
0.1608

■ 22.1333, 0.2742,
0.1432

■ 19.4034, 0.2675,
0.1304

■ 17.7076, 0.2611,
0.1222

■ 17.2645, 0.2589,
0.1200

Harmonies

Analogous

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



68.8625, 0.2801, 0.2801



68.8625, 0.3074, 0.2869



68.8625, 0.3374, 0.3036

Triad

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



68.8625, 0.3074, 0.2869



68.8625, 0.3652, 0.3717



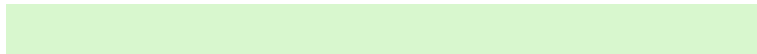
68.8625, 0.2661, 0.3285

Complementary

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



68.8625, 0.3074, 0.2869



85.5576, 0.3170, 0.3731

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.



68.8625, 0.2872, 0.3564



68.8625, 0.3074, 0.2869



68.8625, 0.3445, 0.3817

Square

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



68.8625, 0.3074, 0.2869



68.8625, 0.3717, 0.3513



68.8625, 0.3158, 0.3764



68.8625, 0.2571, 0.3024

Rectangle

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



68.8625, 0.3074, 0.2869



68.8625, 0.3546, 0.3185



68.8625, 0.3158, 0.3764



68.8625, 0.2719, 0.3380

Sweetspot

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



68.8655, 0.3074, 0.2869



91.5496, 0.3113, 0.3167



69.0758, 0.2861, 0.2955



19.3505, 0.3111, 0.3149



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.



68.8655, 0.3074, 0.2869



69.3879, 0.3061, 0.2777



70.0142, 0.3218, 0.2978



16.5534, 0.3099, 0.3054



9.2021, 0.2600, 0.1206



0.8561, 0.2679, 0.1250

Inverse Universe

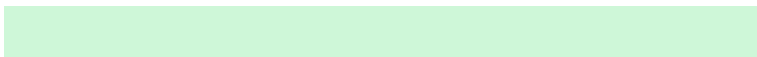
The Inverse Universe completely reimagines the original color for something new.



68.8719, 0.3370, 0.3187



69.4247, 0.3432, 0.3165



84.5996, 0.3047, 0.3624



16.5486, 0.3255, 0.3233



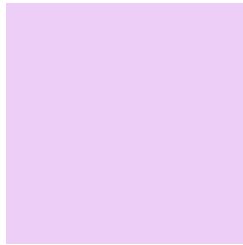
10.6496, 0.5952, 0.3053



0.9516, 0.5604, 0.2861

Previews

White Background



This preview shows how the Yxy color 68.8625, 0.3074, 0.2869 looks on a white background.

Color Contrast Check

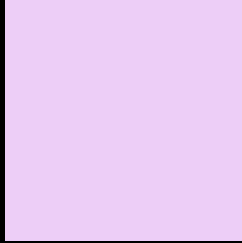
Large Text (above 18pt) WCAG AA × Fail

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 68.8625, 0.3074, 0.2869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

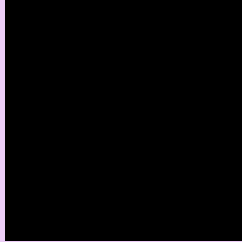
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.8625, 0.3074, 0.2869

Background



This preview shows how black text looks on a background with the Yxy color 68.8625, 0.3074, 0.2869.



This preview shows how white text looks on a background with the Yxy color 68.8625, 0.3074, 0.2869.

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

68.8625, 0.3074, 0.2869

Protanopia

69.2480, 0.2844, 0.2882

Deuteranopia

69.0896, 0.2987, 0.2921



Tritanopia

69.0766, 0.3194, 0.3121

Trichromacy



Original Color

68.8625, 0.3074, 0.2869

Protanomaly

69.1121, 0.2921, 0.2877

Deuteranomaly

68.9128, 0.3023, 0.2903

Tritanomaly

69.2036, 0.3147, 0.3028

Monochromacy



Original Color

68.8625, 0.3074, 0.2869

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

70.4828, 0.3106, 0.3130

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.8625, 0.3074, 0.2869 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(237, 206, 247)` looks like.

```
.text, #text, p{  
    color:rgb(237, 206, 247)  
}
```

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(237, 206, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 206, 247) }
```

Border

The CSS property to change the border of an element to Yxy 68.8625, 0.3074, 0.2869 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(237, 206, 247) }
```

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

```
.border{ border-color:rgb(237, 206, 247) }
```

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

Here you see how a box with a 4 pixel rgb(237, 206, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 206, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 206, 247);  
box-shadow:4px 4px 4px 4px rgb(237, 206,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 68.8625, 0.3074, 0.2869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 206, 247) }
```

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

```
.background{ background-color: rgb(237,  
206, 247) }
```

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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