

Converting Colors

$Y_{xy}(69.6206, 0.3273, 0.2938)$

Have a look what the booklet for
Yxy(69.6206, 0.3273, 0.2938)
contains.

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Color

Yxy(69.4263, 0.3272, 0.2940)

Conversions

Conversions Part 1

Format	Color
Hex	FECAED
RGB	254, 202, 237
RGB Percent	100%, 79%, 93%
CMY	0.0041, 0.2077, 0.0706
CMYK	0.00, 0.20, 0.07, 0.00
HSL	320°, 96%, 89%
HSV	320°, 20%, 100%
XYZ	77.2663, 69.4263, 89.4513
YIQ	221.5380, 19.7570, 21.9090

Conversions

Conversions Part 2

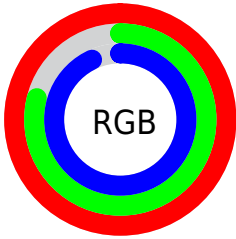
Format	Color
R _Y B	254, 202, 237
Decimal	16698093
CIE Lab	86.71, 23.91, -10.22
CIE LCh	87, 26.003, 336.855
Yxy	69.4263, 0.3272, 0.2940
Android (android.graphics.Color)	4294888173 (0xFFFECAED)
YUV	221.5380, 7.6228, 28.4692
Hunter-Lab	83.3224, 19.7117, -5.3254

Details

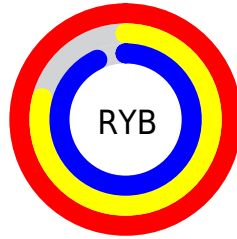
The Yxy color **69.4263, 0.3272, 0.2940** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **88.5256, 0.3007, 0.3668**, and the grayscale version is **72.6389, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.3863, 0.3307, 0.2868** is the 20% darker color. If you saturate the color by 10%, you get **58.0014, 0.3362, 0.2762**, and if you desaturate by 10%, it is **82.8407, 0.3195, 0.3115**.

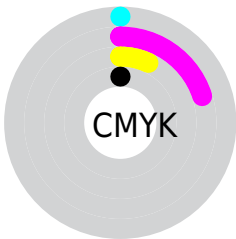
Distribution



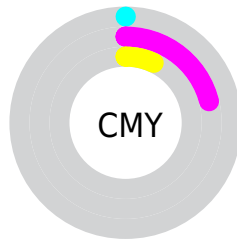
- Red (100%)
- Green (79%)
- Blue (93%)



- Red (100%)
- Yellow (79%)
- Blue (93%)



- Cyan (0%)
- Magenta (20%)
- Yellow (7%)
- Black (0%)





- Cyan (0%)
- Magenta (21%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.4263, 0.3272, 0.2940 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 69.4263, 0.3272, 0.2940 by changing the saturation by 10% instead.


 69.4263, 0.3272,
0.2940

 69.4263, 0.3272,
0.2940


458.5331, 0.3207,
0.3099

 51.0590, 0.3287,
0.2905


118.3903, 0.3250,
0.2994

 36.2555, 0.3304,
0.2861


149.7557, 0.3241,
0.3016

 24.6316, 0.3326,
0.2807


186.2226, 0.3233,
0.3034

 15.8028, 0.3355,
0.2737

228.1753, 0.3227,
0.3050

 9.3847, 0.3393,
0.2644

275.9984, 0.3221,
0.3064

 4.9930, 0.3446,
0.2513


330.0761, 0.3216,


 2.2431, 0.3524,


0.3077


0.2317


390.7928, 0.3211,
0.3088

 0.7434, 0.3659,
0.1979


 0.0000, 0.4276,
0.0000


 69.4263, 0.3272,
0.2940


 69.4263, 0.3272,
0.2940


 58.0014, 0.3362,
0.2762


 82.8407, 0.3195,
0.3115

 48.4607, 0.3466,
0.2587

 98.3248, 0.3130,
0.3283

 40.7030, 0.3584,
0.2423

 99.8016, 0.3121,
0.3290

 34.6141, 0.3714,
0.2282

■ 30.0662, 0.3853,
0.2174

■ 26.9131, 0.3996,
0.2110

■ 24.9798, 0.4139,
0.2096

■ 24.0045, 0.4271,
0.2127

Harmonies

Analogous

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



69.4263, 0.2951, 0.2798



69.4263, 0.3272, 0.2940



69.4263, 0.3566, 0.3165

Triad

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



69.4263, 0.3272, 0.2940



69.4263, 0.3567, 0.3832



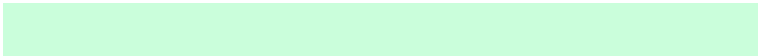
69.4263, 0.2551, 0.3101

Complementary

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



69.4263, 0.3272, 0.2940



88.5256, 0.3007, 0.3668

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.



69.4263, 0.2699, 0.3400



69.4263, 0.3272, 0.2940



69.4263, 0.3280, 0.3843

Square

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



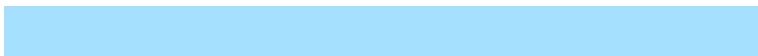
69.4263, 0.3272, 0.2940



69.4263, 0.3739, 0.3673



69.4263, 0.2963, 0.3682



69.4263, 0.2548, 0.2875

Rectangle

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



69.4263, 0.3272, 0.2940



69.4263, 0.3700, 0.3340



69.4263, 0.2963, 0.3682



69.4263, 0.2585, 0.3196

Sweetspot

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



69.4294, 0.3272, 0.2940



90.3062, 0.3165, 0.3191



64.3835, 0.2896, 0.2740



19.1134, 0.3169, 0.3180



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.



69.4294, 0.3272, 0.2940



64.5824, 0.3311, 0.2859



68.0453, 0.3464, 0.3193



18.1936, 0.3188, 0.3131



12.6893, 0.4250, 0.2115



1.2556, 0.4100, 0.2033

Inverse Universe

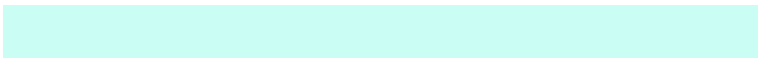
The Inverse Universe completely reimagines the original color for something new.



69.4294, 0.3272, 0.2940



64.5824, 0.3311, 0.2859



89.9704, 0.2870, 0.3390



18.1936, 0.3188, 0.3131



12.6893, 0.4250, 0.2115



1.2556, 0.4100, 0.2033

Previews

White Background



This preview shows how the Yxy color 69.4263, 0.3272, 0.2940 looks on a white background.

Color Contrast Check

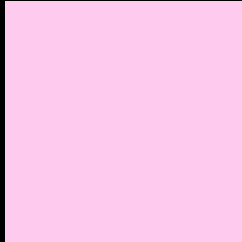
Large Text (above 18pt) WCAG AA × Fail

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 69.4263, 0.3272, 0.2940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

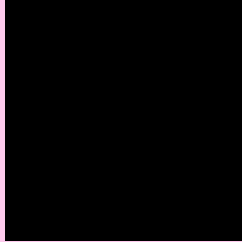
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.4263, 0.3272, 0.2940

Background



This preview shows how black text looks on a background with the Yxy color 69.4263, 0.3272, 0.2940.



This preview shows how white text looks on a background with the Yxy color 69.4263, 0.3272, 0.2940.

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

69.4263, 0.3272, 0.2940

Protanopia

69.9117, 0.2913, 0.2967

Deuteranopia

69.4097, 0.3103, 0.3036



Tritanopia

69.5785, 0.3372, 0.3127

Trichromacy



Original Color

69.4263, 0.3272, 0.2940

Protanomaly

69.5536, 0.3035, 0.2954

Deuteranomaly

69.5186, 0.3163, 0.3000

Tritanomaly

69.6144, 0.3336, 0.3057

Monochromacy



Original Color

69.4263, 0.3272, 0.2940

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

71.6394, 0.3184, 0.3164

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.4263, 0.3272, 0.2940 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(254, 202, 237)` looks like.

```
.text, #text, p{  
    color:rgb(254, 202, 237)  
}
```

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(254, 202, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 202, 237) }
```

Border

The CSS property to change the border of an element to Yxy 69.4263, 0.3272, 0.2940 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(254, 202, 237) }
```

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

```
.border{ border-color:rgb(254, 202, 237) }
```

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

Here you see how a box with a 4 pixel rgb(254, 202, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 202, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 202, 237);  
box-shadow:4px 4px 4px 4px rgb(254, 202,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 69.4263, 0.3272, 0.2940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 202, 237) }
```

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

```
.background{ background-color: rgb(254,  
202, 237) }
```

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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