

Converting Colors

Yxy(69.3442, 0.3090, 0.2938)

Have a look what the booklet for
Yxy(69.3442, 0.3090, 0.2938)
contains.

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Color

Yxy(69.1847, 0.3093, 0.2937)

Conversions

Conversions Part 1

Format	Color
Hex	EBD0F2
RGB	235, 208, 242
RGB Percent	92%, 82%, 95%
CMY	0.0782, 0.1844, 0.0510
CMYK	0.03, 0.14, 0.00, 0.05
HSL	288°, 57%, 88%
HSV	288°, 14%, 95%
XYZ	72.8595, 69.1847, 93.5183
YIQ	219.9490, 5.1780, 16.2980

Conversions

Conversions Part 2

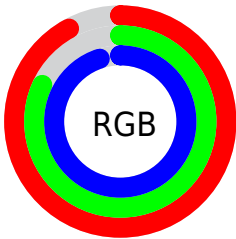
Format	Color
R _{YB}	235, 208, 242
Decimal	15454450
CIE Lab	86.60, 15.38, -13.22
CIE LCh	87, 20.281, 319.309
Yxy	69.1847, 0.3093, 0.2937
Android (android.graphics.Color)	4293644530 (0xFFEBD0F2)
YUV	219.9490, 10.8711, 13.1997
Hunter-Lab	83.1773, 10.7973, -8.4370

Details

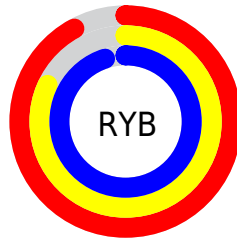
The Yxy color **69.1847, 0.3093, 0.2937** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **82.4931, 0.3155, 0.3659**, and the grayscale version is **71.4591, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.2401, 0.3080, 0.2862** is the 20% darker color. If you saturate the color by 10%, you get **57.4465, 0.3062, 0.2674**, and if you desaturate by 10%, it is **82.7525, 0.3118, 0.3191**.

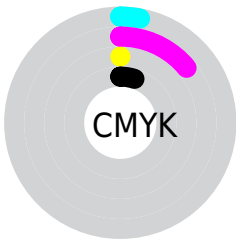
Distribution



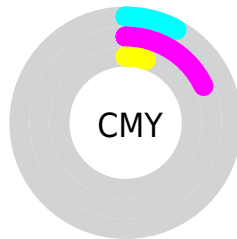
- Red (92%)
- Green (82%)
- Blue (95%)



- Red (92%)
- Yellow (82%)
- Blue (95%)



- Cyan (3%)
- Magenta (14%)
- Yellow (0%)
- Black (5%)




- Cyan (8%)
- Magenta (18%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.1847, 0.3093, 0.2937 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 69.1847, 0.3093, 0.2937 by changing the saturation by 10% instead.


 69.1847, 0.3093,
0.2937

 69.1847, 0.3093,
0.2937


457.6821, 0.3111,
0.3097

 50.8621, 0.3089,
0.2901

118.0453, 0.3100,
0.2992

 36.0989, 0.3083,
0.2857

149.3522, 0.3102,
0.3014

 24.5106, 0.3075,
0.2802


185.7560, 0.3104,
0.3032

 15.7128, 0.3065,
0.2730

227.6411, 0.3106,
0.3049

 9.3212, 0.3049,
0.2635

275.3918, 0.3107,
0.3063

 4.9513, 0.3025,
0.2501

329.3926, 0.3109,

 2.2187, 0.2984,

0.3076

0.2299

390.0280, 0.3110,
0.3087

0.7302, 0.2905,
0.1945

0.0000, 0.0323,
0.0000

69.1847, 0.3093,
0.2937

69.1847, 0.3093,
0.2937

57.4465, 0.3062,
0.2674

82.7525, 0.3118,
0.3191

47.4474, 0.3026,
0.2407

97.3314, 0.3139,
0.3417

39.1026, 0.2984,
0.2147

98.2304, 0.3170,
0.3416

32.3166, 0.2936,
0.1903

99.1533, 0.3201,
0.3415

■ 26.9842, 0.2885,
0.1688

■ 99.1909, 0.3203,
0.3415

■ 22.9867, 0.2831,
0.1510

■ 20.1867, 0.2775,
0.1377

■ 18.4166, 0.2721,
0.1290

■ 17.7038, 0.2689,
0.1255

Harmonies

Analogous

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



69.1847, 0.2860, 0.2877



69.1847, 0.3093, 0.2937



69.1847, 0.3344, 0.3082

Triad

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



69.1847, 0.3093, 0.2937



69.1847, 0.3564, 0.3655



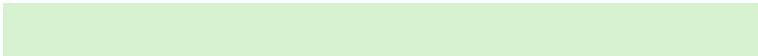
69.1847, 0.2729, 0.3279

Complementary

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



69.1847, 0.3093, 0.2937



82.4931, 0.3155, 0.3659

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.



69.1847, 0.2906, 0.3511



69.1847, 0.3093, 0.2937



69.1847, 0.3387, 0.3731

Square

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



69.1847, 0.3093, 0.2937



69.1847, 0.3621, 0.3488



69.1847, 0.3146, 0.3680



69.1847, 0.2657, 0.3062

Rectangle

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



69.1847, 0.3093, 0.2937



69.1847, 0.3485, 0.3210



69.1847, 0.3146, 0.3680



69.1847, 0.2778, 0.3358

Sweetspot

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



69.1877, 0.3093, 0.2937



93.2716, 0.3118, 0.3192



68.5995, 0.2904, 0.2999



19.7014, 0.3117, 0.3173



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.



69.1877, 0.3093, 0.2937



73.7542, 0.3084, 0.2859



69.8278, 0.3211, 0.3038



15.8592, 0.3105, 0.3055



9.5702, 0.2698, 0.1260



0.8368, 0.2769, 0.1299

Inverse Universe

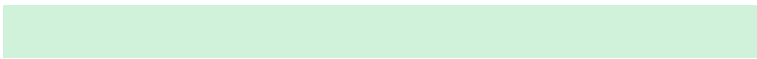
The Inverse Universe completely reimagines the original color for something new.



68.8831, 0.3336, 0.3218



73.3654, 0.3390, 0.3201



81.9547, 0.3053, 0.3556



15.8115, 0.3261, 0.3242



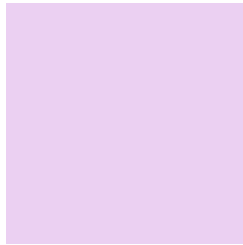
10.2773, 0.6063, 0.3114



0.8688, 0.5710, 0.2919

Previews

White Background



This preview shows how the Yxy color 69.1847, 0.3093, 0.2937 looks on a white background.

Color Contrast Check

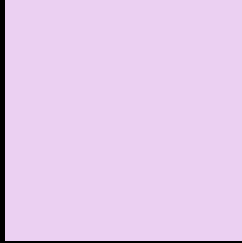
Large Text (above 18pt) WCAG AA × Fail

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 69.1847, 0.3093, 0.2937 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

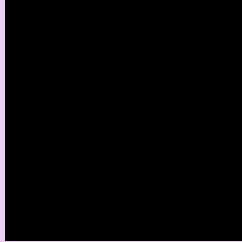
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.1847, 0.3093, 0.2937

Background



This preview shows how black text looks on a background with the Yxy color 69.1847, 0.3093, 0.2937.



This preview shows how white text looks on a background with the Yxy color 69.1847, 0.3093, 0.2937.

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

69.1847, 0.3093, 0.2937

Protanopia

69.3133, 0.2900, 0.2945

Deuteranopia

69.2703, 0.3041, 0.2973



Tritanopia

69.4582, 0.3179, 0.3121

Trichromacy



Original Color

69.1847, 0.3093, 0.2937

Protanomaly

68.8952, 0.2966, 0.2939

Deuteranomaly

69.2671, 0.3063, 0.2965

Tritanomaly

69.4118, 0.3153, 0.3059

Monochromacy



Original Color

69.1847, 0.3093, 0.2937

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

70.7207, 0.3112, 0.3161

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.1847, 0.3093, 0.2937 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(235, 208, 242)` looks like.

```
.text, #text, p{  
    color:rgb(235, 208, 242)  
}
```

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(235, 208, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 208, 242) }
```

Border

The CSS property to change the border of an element to Yxy 69.1847, 0.3093, 0.2937 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(235, 208, 242) }
```

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

```
.border{ border-color:rgb(235, 208, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 208, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 208, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 208, 242);  
box-shadow:4px 4px 4px 4px rgb(235, 208,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 69.1847, 0.3093, 0.2937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 208, 242) }
```

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

```
.background{ background-color: rgb(235,  
208, 242) }
```

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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