

Converting Colors

Yxy(64.1581, 0.3088, 0.2835)

Have a look what the booklet for
Yxy(64.1581, 0.3088, 0.2835)
contains.

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Color

Yxy(64.0627, 0.3088, 0.2839)

Conversions

Conversions Part 1

Format	Color
Hex	E9C6F1
RGB	233, 198, 241
RGB Percent	91%, 78%, 95%
CMY	0.0862, 0.2235, 0.0549
CMYK	0.03, 0.18, 0.00, 0.05
HSL	289°, 61%, 86%
HSV	289°, 18%, 95%
XYZ	69.6814, 64.0627, 91.9082
YIQ	213.3670, 7.0570, 20.7930

Conversions

Conversions Part 2

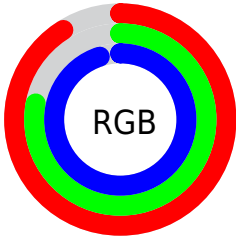
Format	Color
R _Y B	233, 198, 241
Decimal	15320817
CIE Lab	84.00, 19.82, -16.60
CIE LCh	84, 25.855, 320.047
Yxy	64.0627, 0.3088, 0.2839
Android (android.graphics.Color)	4293510897 (0xFFE9C6F1)
YUV	213.3670, 13.6231, 17.2181
Hunter-Lab	80.0392, 15.3321, -12.0547

Details

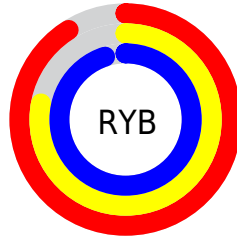
The Yxy color $64.0627, 0.3088, 0.2839$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $80.1023, 0.3157, 0.3769$, and the grayscale version is $66.7047, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $32.7964, 0.3073, 0.2734$ is the 20% darker color. If you saturate the color by 10%, you get $53.1689, 0.3059, 0.2575$, and if you desaturate by 10%, it is $76.7338, 0.3112, 0.3096$.

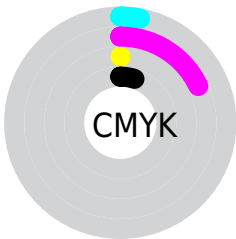
Distribution



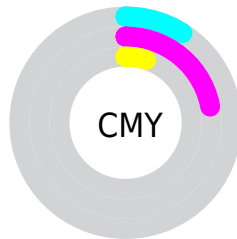
- Red (91%)
- Green (78%)
- Blue (95%)



- Red (91%)
- Yellow (78%)
- Blue (95%)



- Cyan (3%)
- Magenta (18%)
- Yellow (0%)
- Black (5%)




- Cyan (9%)
- Magenta (22%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.0627, 0.3088, 0.2839 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 64.0627, 0.3088, 0.2839 by changing the saturation by 10% instead.

 64.0627, 0.3088,
0.2839

 64.0627, 0.3088,
0.2839


439.4160, 0.3109,
0.3045

 46.7015, 0.3082,
0.2793


110.7012, 0.3096,
0.2910

 32.7997, 0.3075,
0.2736

140.7473, 0.3099,
0.2938

 21.9731, 0.3065,
0.2664


175.7905, 0.3101,
0.2962

 13.8371, 0.3051,
0.2572

216.2151, 0.3104,
0.2983

 8.0075, 0.3030,
0.2448

262.4055, 0.3105,
0.3001

 4.0997, 0.2996,
0.2274

314.7463, 0.3107,

 1.7295, 0.2935,

0.3017

0.2013

373.6216, 0.3108,
0.3032

0.4426, 0.2865,
0.1399

0.0000, 0.0000,
0.0000

64.0627, 0.3088,
0.2839

64.0627, 0.3088,
0.2839

53.1689, 0.3059,
0.2575

76.7338, 0.3112,
0.3096

43.9613, 0.3025,
0.2312

91.2513, 0.3131,
0.3342

36.3531, 0.2986,
0.2060

97.5406, 0.3155,
0.3427

30.2465, 0.2942,
0.1829

98.3598, 0.3183,
0.3426

■ 25.5328, 0.2895,
0.1630

■ 99.1307, 0.3209,
0.3425

■ 22.0886, 0.2846,
0.1473

■ 19.7682, 0.2796,
0.1361

■ 18.3746, 0.2747,
0.1293

■ 18.1318, 0.2736,
0.1281

Harmonies

Analogous

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



64.0627, 0.2785, 0.2757



64.0627, 0.3088, 0.2839



64.0627, 0.3417, 0.3026

Triad

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



64.0627, 0.3088, 0.2839



64.0627, 0.3693, 0.3767



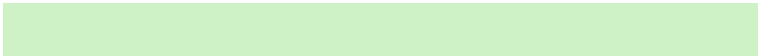
64.0627, 0.2606, 0.3263

Complementary

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



64.0627, 0.3088, 0.2839



80.1023, 0.3157, 0.3769

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.



64.0627, 0.2830, 0.3574



64.0627, 0.3088, 0.2839



64.0627, 0.3457, 0.3871

Square

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



64.0627, 0.3088, 0.2839



64.0627, 0.3776, 0.3547



64.0627, 0.3139, 0.3804



64.0627, 0.2519, 0.2982

Rectangle

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



64.0627, 0.3088, 0.2839



64.0627, 0.3602, 0.3190



64.0627, 0.3139, 0.3804



64.0627, 0.2667, 0.3369

Sweetspot

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



64.0655, 0.3088, 0.2839



91.6878, 0.3118, 0.3167



62.7861, 0.2838, 0.2903



19.3842, 0.3116, 0.3150



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.



64.0655, 0.3088, 0.2839



68.6297, 0.3079, 0.2754



64.6934, 0.3242, 0.2976



15.8747, 0.3108, 0.3055



9.8880, 0.2744, 0.1285



0.8605, 0.2809, 0.1321

Inverse Universe

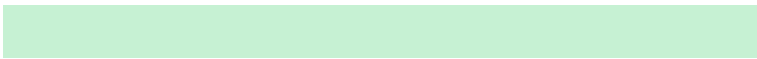
The Inverse Universe completely reimagines the original color for something new.



63.5411, 0.3411, 0.3206



67.9653, 0.3474, 0.3189



79.6118, 0.3029, 0.3627



15.8067, 0.3264, 0.3246



10.2566, 0.6112, 0.3140



0.8664, 0.5767, 0.2951

Previews

White Background



This preview shows how the Yxy color 64.0627, 0.3088, 0.2839 looks on a white background.

Color Contrast Check

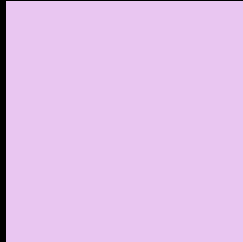
Large Text (above 18pt) WCAG AA × Fail

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 64.0627, 0.3088, 0.2839 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

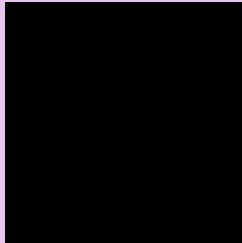
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.0627, 0.3088, 0.2839

Background



This preview shows how black text looks on a background with the Yxy color 64.0627, 0.3088, 0.2839.



This preview shows how white text looks on a background with the Yxy color 64.0627, 0.3088, 0.2839.

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

64.0627, 0.3088, 0.2839

Protanopia

64.4456, 0.2823, 0.2849

Deuteranopia

64.0759, 0.2969, 0.2899



Tritanopia

64.1260, 0.3228, 0.3117

Trichromacy



Original Color

64.0627, 0.3088, 0.2839

Protanomaly

63.9244, 0.2916, 0.2845

Deuteranomaly

64.0619, 0.3013, 0.2882

Tritanomaly

64.2532, 0.3178, 0.3022

Monochromacy



Original Color

64.0627, 0.3088, 0.2839

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

65.6551, 0.3113, 0.3125

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.0627, 0.3088, 0.2839 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(233, 198, 241)` looks like.

```
.text, #text, p{  
    color:rgb(233, 198, 241)  
}
```

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(233, 198, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 198, 241) }
```

Border

The CSS property to change the border of an element to Yxy 64.0627, 0.3088, 0.2839 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(233, 198, 241) }
```

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

```
.border{ border-color:rgb(233, 198, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 198, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 198, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 198, 241);  
box-shadow:4px 4px 4px 4px rgb(233, 198,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 64.0627, 0.3088, 0.2839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 198, 241) }
```

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

```
.background{ background-color: rgb(233,  
198, 241) }
```

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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