

Converting Colors

Yxy(64.9364, 0.3069, 0.2784)

Have a look what the booklet for
Yxy(64.9364, 0.3069, 0.2784)
contains.

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Color

Yxy(64.9364, 0.3068, 0.2784)

Conversions

Conversions Part 1

Format	Color
Hex	ECC6F7
RGB	236, 198, 247
RGB Percent	93%, 78%, 97%
CMY	0.0747, 0.2234, 0.0314
CMYK	0.04, 0.20, 0.00, 0.03
HSL	286°, 75%, 87%
HSV	286°, 20%, 97%
XYZ	71.5607, 64.9364, 96.7515
YIQ	214.9480, 6.9190, 23.2950

Conversions

Conversions Part 2

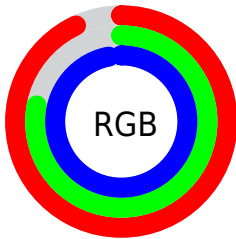
Format	Color
R _Y B	236, 198, 247
Decimal	15517431
CIE Lab	84.45, 21.89, -19.09
CIE LCh	84, 29.040, 318.909
Yxy	64.9364, 0.3068, 0.2784
Android (android.graphics.Color)	4293707511 (0xFFECC6F7)
YUV	214.9480, 15.8016, 18.4626
Hunter-Lab	80.5831, 17.4938, -14.7779

Details

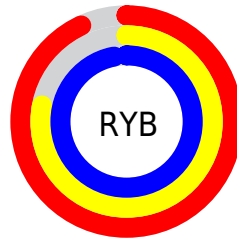
The Yxy color **64.9364, 0.3068, 0.2784** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **84.1613, 0.3172, 0.3827**, and the grayscale version is **67.8043, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.4114, 0.3048, 0.2666** is the 20% darker color. If you saturate the color by 10%, you get **53.6132, 0.3029, 0.2516**, and if you desaturate by 10%, it is **78.1360, 0.3101, 0.3045**.

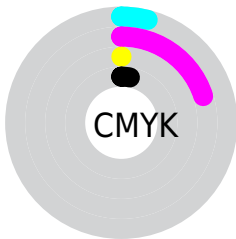
Distribution



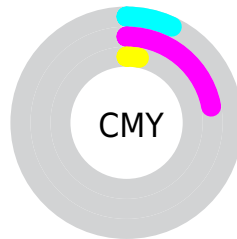
- Red (93%)
- Green (78%)
- Blue (97%)



- Red (93%)
- Yellow (78%)
- Blue (97%)



- Cyan (4%)
- Magenta (20%)
- Yellow (0%)
- Black (3%)




- Cyan (7%)
- Magenta (22%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.9364, 0.3068, 0.2784 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 64.9364, 0.3068, 0.2784 by changing the saturation by 10% instead.


 64.9364, 0.3068,
0.2784

 64.9364, 0.3068,
0.2784


442.5634, 0.3099,
0.3013

 47.4095, 0.3060,
0.2733


111.9584, 0.3080,
0.2863

 33.3595, 0.3049,
0.2670


142.2223, 0.3084,
0.2893

 22.4020, 0.3036,
0.2592


177.5007, 0.3088,
0.2920

 14.1526, 0.3016,
0.2491

218.1779, 0.3091,
0.2944

 8.2269, 0.2988,
0.2358

264.6384, 0.3093,
0.2964

 4.2405, 0.2943,
0.2172


317.2666, 0.3096,

 1.8090, 0.2865,

0.2982


0.1898


376.4468, 0.3098,
0.2999


 0.4927, 0.2745,
0.1335


 0.0000, 0.0000,
0.0000

 64.9364, 0.3068,
0.2784


 64.9364, 0.3068,
0.2784


 53.6132, 0.3029,
0.2516


 78.1360, 0.3101,
0.3045

 44.0688, 0.2984,
0.2249

 93.2871, 0.3128,
0.3294

 36.2091, 0.2933,
0.1993

 99.0541, 0.3159,
0.3367

 29.9281, 0.2876,
0.1760

 99.4950, 0.3173,
0.3367

■ 25.1073, 0.2817,
0.1561

■ 21.6116, 0.2755,
0.1404

■ 19.2800, 0.2694,
0.1294

■ 17.8505, 0.2635,
0.1226

■ 17.8285, 0.2634,
0.1225

Harmonies

Analogous

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



64.9364, 0.2735, 0.2697



64.9364, 0.3068, 0.2784



64.9364, 0.3437, 0.2987

Triad

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



64.9364, 0.3068, 0.2784



64.9364, 0.3766, 0.3813



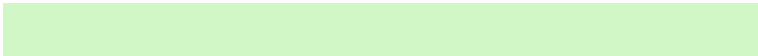
64.9364, 0.2554, 0.3271

Complementary

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



64.9364, 0.3068, 0.2784



84.1613, 0.3172, 0.3827

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.



64.9364, 0.2806, 0.3621



64.9364, 0.3068, 0.2784



64.9364, 0.3506, 0.3940

Square

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



64.9364, 0.3068, 0.2784



64.9364, 0.3853, 0.3562



64.9364, 0.3152, 0.3875



64.9364, 0.2452, 0.2953

Rectangle

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



64.9364, 0.3068, 0.2784



64.9364, 0.3648, 0.3166



64.9364, 0.3152, 0.3875



64.9364, 0.2623, 0.3390

Sweetspot

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



64.9392, 0.3068, 0.2784



89.9751, 0.3112, 0.3142



64.5472, 0.2804, 0.2873



19.0348, 0.3110, 0.3126



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.



64.9392, 0.3068, 0.2784



64.4501, 0.3052, 0.2671



66.1098, 0.3245, 0.2923



16.5688, 0.3102, 0.3054



9.4958, 0.2644, 0.1230



0.8797, 0.2718, 0.1271

Inverse Universe

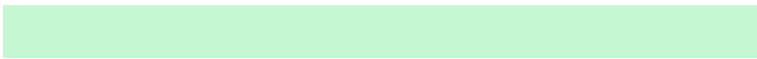
The Inverse Universe completely reimagines the original color for something new.



64.7799, 0.3434, 0.3175



64.2892, 0.3518, 0.3149



83.2340, 0.3027, 0.3688



16.5437, 0.3258, 0.3237



10.6250, 0.6005, 0.3082



0.9488, 0.5662, 0.2893

Previews

White Background



This preview shows how the Yxy color 64.9364, 0.3068, 0.2784 looks on a white background.

Color Contrast Check

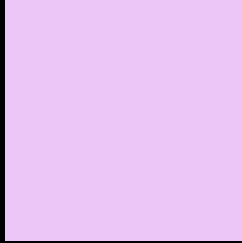
Large Text (above 18pt) WCAG AA × Fail

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 64.9364, 0.3068, 0.2784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

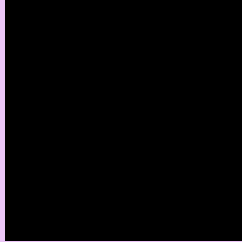
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.9364, 0.3068, 0.2784

Background



This preview shows how black text looks on a background with the Yxy color 64.9364, 0.3068, 0.2784.



This preview shows how white text looks on a background with the Yxy color 64.9364, 0.3068, 0.2784.

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

64.9364, 0.3068, 0.2784

Protanopia

65.1742, 0.2782, 0.2799

Deuteranopia

65.1823, 0.2930, 0.2869



Tritanopia

64.9822, 0.3235, 0.3118

Trichromacy



Original Color

64.9364, 0.3068, 0.2784

Protanomaly

64.9238, 0.2885, 0.2796

Deuteranomaly

65.0537, 0.2980, 0.2833

Tritanomaly

64.7541, 0.3172, 0.2992

Monochromacy



Original Color

64.9364, 0.3068, 0.2784

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

66.8350, 0.3107, 0.3095

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.9364, 0.3068, 0.2784 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(236, 198, 247)` looks like.

```
.text, #text, p{  
    color:rgb(236, 198, 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(236, 198, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 198, 247) }
```

Border

The CSS property to change the border of an element to Yxy 64.9364, 0.3068, 0.2784 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(236, 198, 247) }
```

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

```
.border{ border-color:rgb(236, 198, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 198, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 198, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 198, 247);  
box-shadow:4px 4px 4px 4px rgb(236, 198,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 64.9364, 0.3068, 0.2784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 198, 247) }
```

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

```
.background{ background-color: rgb(236,  
198, 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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