

Converting Colors

$Yxy(67.5593, 0.3206, 0.3047)$

Have a look what the booklet for
Yxy(67.5593, 0.3206, 0.3047)
contains.

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Color

Yxy(67.3243, 0.3199, 0.3038)

Conversions

Conversions Part 1

Format	Color
Hex	EDCDE5
RGB	237, 205, 229
RGB Percent	93%, 80%, 90%
CMY	0.0707, 0.1960, 0.1019
CMYK	0.00, 0.13, 0.03, 0.07
HSL	315°, 47%, 87%
HSV	315°, 13%, 93%
XYZ	70.8922, 67.3243, 83.3908
YIQ	217.3040, 11.3680, 14.2480

Conversions

Conversions Part 2

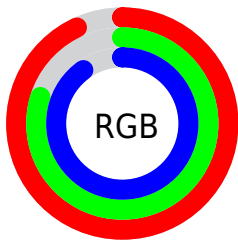
Format	Color
R _Y B	237, 205, 229
Decimal	15584741
CIE Lab	85.67, 15.22, -7.70
CIE LCh	86, 17.057, 333.178
Yxy	67.3243, 0.3199, 0.3038
Android (android.graphics.Color)	4293774821 (0xFFEDCDE5)
YUV	217.3040, 5.7661, 17.2734
Hunter-Lab	82.0514, 10.6336, -2.8219

Details

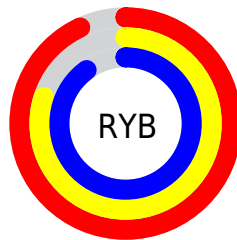
The Yxy color $67.3243, 0.3199, 0.3038$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $78.3359, 0.3062, 0.3556$, and the grayscale version is $69.5612, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $35.0130, 0.3211, 0.2978$ is the 20% darker color. If you saturate the color by 10%, you get $56.5102, 0.3263, 0.2844$, and if you desaturate by 10%, it is $79.8725, 0.3144, 0.3226$.

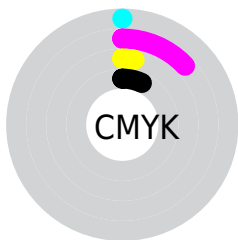
Distribution



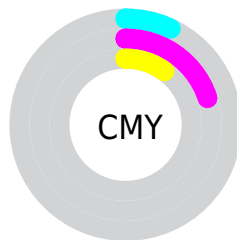
- Red (93%)
- Green (80%)
- Blue (90%)



- Red (93%)
- Yellow (80%)
- Blue (90%)



- Cyan (0%)
- Magenta (13%)
- Yellow (3%)
- Black (7%)





- Cyan (7%)
- Magenta (20%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.3243, 0.3199, 0.3038 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 67.3243, 0.3199, 0.3038 by changing the saturation by 10% instead.


 67.3243, 0.3199,
0.3038

 67.3243, 0.3199,
0.3038


451.0982, 0.3166,
0.3154

 49.3482, 0.3206,
0.3012


115.3850, 0.3188,
0.3078

 34.8958, 0.3215,
0.2979


146.2384, 0.3183,
0.3094

 23.5826, 0.3226,
0.2938


182.1530, 0.3180,
0.3107

 15.0243, 0.3241,
0.2885

223.5132, 0.3176,
0.3119

 8.8364, 0.3260,
0.2813

270.7035, 0.3173,
0.3129

 4.6346, 0.3287,
0.2709

324.1081, 0.3171,

 2.0345, 0.3328,

0.3138

0.2549

384.1116, 0.3169,
0.3147

0.6274, 0.3423,
0.2204

0.0000, 0.0000,
0.0000

67.3243, 0.3199,
0.3038

67.3243, 0.3199,
0.3038

56.5102, 0.3263,
0.2844

79.8725, 0.3144,
0.3226

47.3442, 0.3336,
0.2649

94.2182, 0.3098,
0.3405

39.7465, 0.3418,
0.2460

96.2179, 0.3063,
0.3372

33.6267, 0.3509,
0.2288

96.5879, 0.3030,
0.3313

■ 28.8857, 0.3607,
0.2142

■ 96.7395, 0.3017,
0.3290

■ 25.4118, 0.3709,
0.2032

■ 23.0758, 0.3811,
0.1968

■ 21.7210, 0.3911,
0.1952

■ 21.2101, 0.3974,
0.1963

Harmonies

Analogous

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



67.3243, 0.2987, 0.2950



67.3243, 0.3199, 0.3038



67.3243, 0.3397, 0.3188

Triad

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



67.3243, 0.3199, 0.3038



67.3243, 0.3439, 0.3642



67.3243, 0.2747, 0.3192

Complementary

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



67.3243, 0.3199, 0.3038



78.3359, 0.3062, 0.3556

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.



67.3243, 0.2860, 0.3389



67.3243, 0.3199, 0.3038



67.3243, 0.3258, 0.3656

Square

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



67.3243, 0.3199, 0.3038



67.3243, 0.3538, 0.3533



67.3243, 0.3046, 0.3563



67.3243, 0.2732, 0.3031

Rectangle

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



67.3243, 0.3199, 0.3038



67.3243, 0.3492, 0.3306



67.3243, 0.3046, 0.3563



67.3243, 0.2775, 0.3256

Sweetspot

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



67.3272, 0.3199, 0.3038



93.5012, 0.3147, 0.3217



63.8503, 0.2964, 0.2939



19.7597, 0.3151, 0.3203



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.



67.3272, 0.3199, 0.3038



76.0367, 0.3215, 0.2988



66.5012, 0.3312, 0.3200



15.2459, 0.3176, 0.3115



11.6052, 0.3959, 0.1954



0.9265, 0.3832, 0.1885

Inverse Universe

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



67.3272, 0.3199, 0.3038



76.0367, 0.3215, 0.2988



79.1592, 0.2971, 0.3383



15.2459, 0.3176, 0.3115



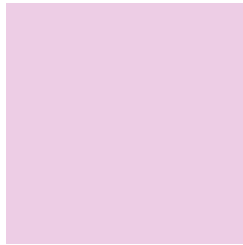
11.6052, 0.3959, 0.1954



0.9265, 0.3832, 0.1885

Previews

White Background



This preview shows how the Yxy color 67.3243, 0.3199, 0.3038 looks on a white background.

Color Contrast Check

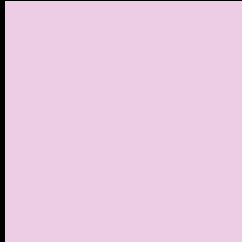
Large Text (above 18pt) WCAG AA × Fail

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 67.3243, 0.3199, 0.3038 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

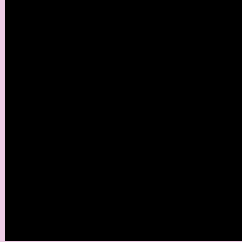
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.3243, 0.3199, 0.3038

Background



This preview shows how black text looks on a background with the Yxy color 67.3243, 0.3199, 0.3038.



This preview shows how white text looks on a background with the Yxy color 67.3243, 0.3199, 0.3038.

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

67.3243, 0.3199, 0.3038

Protanopia

67.5261, 0.2981, 0.3059

Deuteranopia

67.3712, 0.3145, 0.3076



Tritanopia

67.2494, 0.3241, 0.3121

Trichromacy



Original Color

67.3243, 0.3199, 0.3038

Protanomaly

67.2915, 0.3058, 0.3052

Deuteranomaly

67.3829, 0.3168, 0.3067

Tritanomaly

67.4117, 0.3220, 0.3089

Monochromacy



Original Color

67.3243, 0.3199, 0.3038

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

68.6563, 0.3153, 0.3203

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.3243, 0.3199, 0.3038 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, 205, 229)` looks like.

```
.text, #text, p{  
    color:rgb(237, 205, 229)  
}
```

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, 205, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 205, 229) }
```

Border

The CSS property to change the border of an element to Yxy 67.3243, 0.3199, 0.3038 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, 205, 229) }
```

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

```
.border{ border-color:rgb(237, 205, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 205, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 205, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 205, 229);  
box-shadow:4px 4px 4px 4px rgb(237, 205,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 67.3243, 0.3199, 0.3038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 205, 229) }
```

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

```
.background{ background-color: rgb(237,  
205, 229) }
```

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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