

Converting Colors

Yxy(67.3329, 0.3422, 0.3399)

Have a look what the booklet for
Yxy(67.3329, 0.3422, 0.3399)
contains.

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Color

Yxy(67.1935, 0.3423, 0.3399)

Conversions

Conversions Part 1

Format	Color
Hex	EDD0C6
RGB	237, 208, 198
RGB Percent	93%, 82%, 78%
CMY	0.0707, 0.1843, 0.2236
CMYK	0.00, 0.12, 0.16, 0.07
HSL	15°, 52%, 85%
HSV	15°, 16%, 93%
XYZ	67.6679, 67.1935, 62.8246
YIQ	215.5310, 20.4940, 3.0380

Conversions

Conversions Part 2

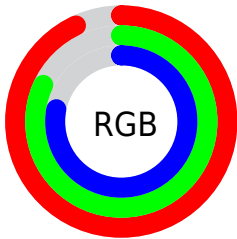
Format	Color
R _Y B	237, 211, 198
Decimal	15585478
CIE Lab	85.60, 8.52, 8.67
CIE LCh	86, 12.161, 45.494
Yxy	67.1935, 0.3423, 0.3399
Android (android.graphics.Color)	4293775558 (0xFFEDD0C6)
YUV	215.5310, -8.6428, 18.8283
Hunter-Lab	81.9716, 3.9022, 11.9392

Details

The Yxy color **67.1935, 0.3423, 0.3399** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.0340, 0.2873, 0.3178**, and the grayscale version is **68.3833, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.9486, 0.3500, 0.3431** is the 20% darker color. If you saturate the color by 10%, you get **58.0720, 0.3650, 0.3470**, and if you desaturate by 10%, it is **77.4452, 0.3233, 0.3331**.

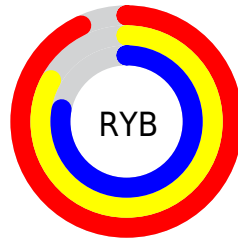
Distribution



Red (93%)

Green (82%)

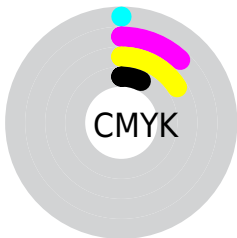
Blue (78%)



Red (93%)

Yellow (83%)

Blue (78%)

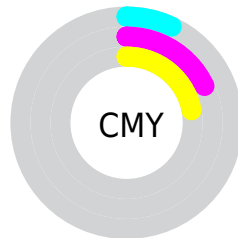


Cyan (0%)

Magenta (12%)

Yellow (16%)

Black (7%)



Cyan (7%)


Magenta (18%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.1935, 0.3423, 0.3399 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 67.1935, 0.3423, 0.3399 by changing the saturation by 10% instead.


 67.1935, 0.3423,
0.3399

 67.1935, 0.3423,
0.3399


450.6332, 0.3283,
0.3350

 49.2419, 0.3456,
0.3410


115.1976, 0.3374,
0.3382

 34.8114, 0.3496,
0.3424


146.0190, 0.3355,
0.3375

 23.5176, 0.3549,
0.3441


181.8990, 0.3339,
0.3370

 14.9762, 0.3618,
0.3462

223.2221, 0.3325,
0.3365

 8.8027, 0.3715,
0.3491

270.3726, 0.3312,
0.3360

 4.6127, 0.3858,
0.3531

323.7351, 0.3302,

 2.0219, 0.4091,

0.3356

0.3587

383.6938, 0.3292,
0.3353

0.6201, 0.5365,
0.4172

0.0000, 0.0000,
0.0000

67.1935, 0.3423,
0.3399

67.1935, 0.3423,
0.3399

58.0720, 0.3650,
0.3470

77.4452, 0.3233,
0.3331

50.0328, 0.3920,
0.3542

88.8552, 0.3074,
0.3268

43.0377, 0.4235,
0.3610

96.7410, 0.3017,
0.3290

37.0427, 0.4593,
0.3666

■ 32.0008, 0.4980,
0.3701

■ 27.8606, 0.5372,
0.3703

■ 24.5659, 0.5727,
0.3663

■ 22.0525, 0.6005,
0.3581

■ 21.3288, 0.6087,
0.3549

Harmonies

Analogous

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



67.1935, 0.3364, 0.3270



67.1935, 0.3423, 0.3399



67.1935, 0.3400, 0.3504

Triad

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



67.1935, 0.3423, 0.3399



67.1935, 0.3011, 0.3438



67.1935, 0.2950, 0.3036

Complementary

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



67.1935, 0.3423, 0.3399



73.0340, 0.2873, 0.3178

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.



67.1935, 0.2860, 0.3073



67.1935, 0.3423, 0.3399



67.1935, 0.2895, 0.3304

Square

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



67.1935, 0.3423, 0.3399



67.1935, 0.3160, 0.3530



67.1935, 0.2840, 0.3170



67.1935, 0.3089, 0.3064

Rectangle

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



67.1935, 0.3423, 0.3399



67.1935, 0.3342, 0.3545



67.1935, 0.2840, 0.3170



67.1935, 0.2913, 0.3041

Sweetspot

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



67.1965, 0.3423, 0.3399



93.3100, 0.3208, 0.3322



63.9453, 0.3217, 0.2981



19.7769, 0.3220, 0.3327



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.



67.1965, 0.3423, 0.3399



75.3011, 0.3501, 0.3425



77.1436, 0.3390, 0.3600



15.6833, 0.3286, 0.3351



11.8258, 0.6059, 0.3571



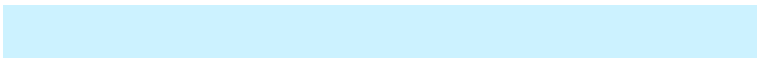
1.0796, 0.5789, 0.3785

Inverse Universe

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



73.0340, 0.2873, 0.3178



83.4972, 0.2818, 0.3151



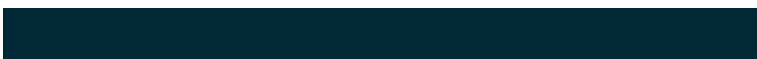
63.1034, 0.2864, 0.2959



16.4284, 0.2981, 0.3228



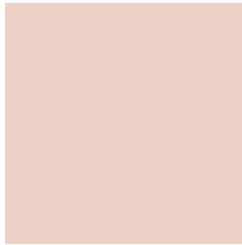
20.5314, 0.2010, 0.2436



1.7654, 0.2047, 0.2568

Previews

White Background



This preview shows how the Yxy color 67.1935, 0.3423, 0.3399 looks on a white background.

Color Contrast Check

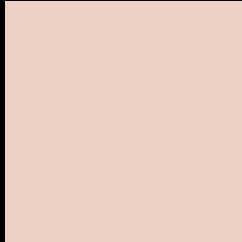
Large Text (above 18pt) WCAG AA × Fail

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 67.1935, 0.3423, 0.3399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

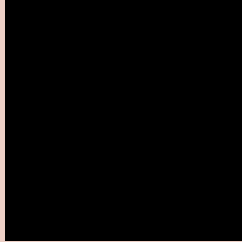
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.1935, 0.3423, 0.3399

Background



This preview shows how black text looks on a background with the Yxy color 67.1935, 0.3423, 0.3399.

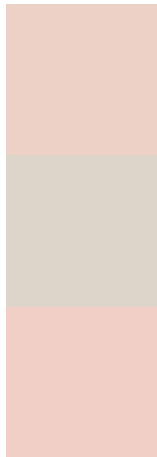


This preview shows how white text looks on a background with the Yxy color 67.1935, 0.3423, 0.3399.

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

67.1935, 0.3423, 0.3399

Protanopia

67.1777, 0.3270, 0.3424

Deuteranopia

67.4036, 0.3456, 0.3387



Tritanopia

67.4084, 0.3280, 0.3122

Trichromacy



Original Color

67.1935, 0.3423, 0.3399

Protanomaly

67.0896, 0.3326, 0.3412

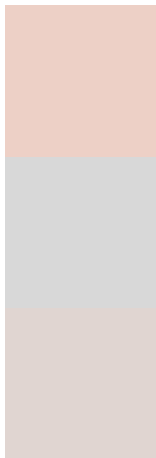
Deuteranomaly

67.2281, 0.3449, 0.3387

Tritanomaly

67.2974, 0.3330, 0.3216

Monochromacy



Original Color

67.1935, 0.3423, 0.3399

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.0392, 0.3237, 0.3334

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.1935, 0.3423, 0.3399 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, 208, 198)` looks like.

```
.text, #text, p{  
    color:rgb(237, 208, 198)  
}
```

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, 208, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 208, 198) }
```

Border

The CSS property to change the border of an element to Yxy 67.1935, 0.3423, 0.3399 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, 208, 198) }
```

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

```
.border{ border-color:rgb(237, 208, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 208, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 208, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 208, 198);  
box-shadow:4px 4px 4px 4px rgb(237, 208,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 67.1935, 0.3423, 0.3399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 208, 198) }
```

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

```
.background{ background-color: rgb(237,  
208, 198) }
```

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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