

Converting Colors

$Yxy(67.8052, 0.3300, 0.3370)$

Have a look what the booklet for
Yxy(67.8052, 0.3300, 0.3370)
contains.

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Color

Yxy(67.9406, 0.3303, 0.3378)

Conversions

Conversions Part 1

Format	Color
Hex	E4D4CC
RGB	228, 212, 204
RGB Percent	89%, 83%, 80%
CMY	0.1060, 0.1686, 0.1999
CMYK	0.00, 0.07, 0.11, 0.11
HSL	20°, 31%, 85%
HSV	20°, 11%, 89%
XYZ	66.4321, 67.9406, 66.7540
YIQ	215.8720, 12.1040, 0.9040

Conversions

Conversions Part 2

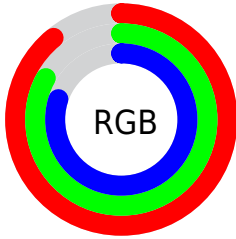
Format	Color
R _Y B	228, 216, 204
Decimal	14996684
CIE Lab	85.98, 4.17, 5.92
CIE LCh	86, 7.242, 54.814
Yxy	67.9406, 0.3303, 0.3378
Android (android.graphics.Color)	4293186764 (0xFFE4D4CC)
YUV	215.8720, -5.8529, 10.6363
Hunter-Lab	82.4261, -0.3818, 9.6814

Details

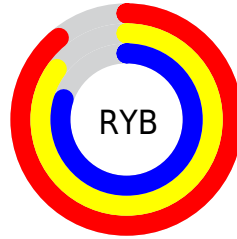
The Yxy color **67.9406, 0.3303, 0.3378** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.6164, 0.2965, 0.3200**, and the grayscale version is **68.6123, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.0866, 0.3342, 0.3391** is the 20% darker color. If you saturate the color by 10%, you get **59.6867, 0.3501, 0.3467**, and if you desaturate by 10%, it is **77.0752, 0.3135, 0.3294**.

Distribution



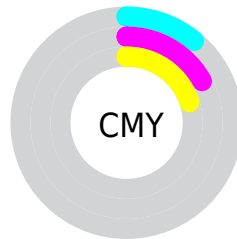
- Red (89%)
- Green (83%)
- Blue (80%)



- Red (89%)
- Yellow (85%)
- Blue (80%)



- Cyan (0%)
- Magenta (7%)
- Yellow (11%)
- Black (11%)





- Cyan (11%)
- Magenta (17%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.9406, 0.3303, 0.3378 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 67.9406, 0.3303, 0.3378 by changing the saturation by 10% instead.


 67.9406, 0.3303,
0.3378

 67.9406, 0.3303,
0.3378


453.2855, 0.3220,
0.3337

 49.8494, 0.3322,
0.3387


116.2672, 0.3274,
0.3364

 35.2938, 0.3346,
0.3399


147.2713, 0.3263,
0.3358

 23.8892, 0.3377,
0.3413


183.3486, 0.3253,
0.3354

 15.2515, 0.3418,
0.3432

224.8834, 0.3245,
0.3350

 8.9961, 0.3474,
0.3458

272.2601, 0.3238,
0.3346

 4.7386, 0.3558,
0.3496

325.8631, 0.3231,

 2.0947, 0.3694,

0.3343

0.3554

386.0768, 0.3225,
0.3340

0.6617, 0.4301,
0.3894

0.0000, 0.0000,
0.0000

67.9406, 0.3303,
0.3378

67.9406, 0.3303,
0.3378

59.6867, 0.3501,
0.3467

77.0752, 0.3135,
0.3294

52.2779, 0.3734,
0.3560

87.1069, 0.2993,
0.3216

45.6894, 0.4005,
0.3651

95.2289, 0.2964,
0.3290

39.8916, 0.4313,
0.3735

■ 34.8531, 0.4653,
0.3802

■ 30.5402, 0.5009,
0.3841

■ 26.9162, 0.5357,
0.3838

■ 23.9405, 0.5665,
0.3786

■ 21.6663, 0.5900,
0.3697

Harmonies

Analogous

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



67.9406, 0.3283, 0.3304



67.9406, 0.3303, 0.3378



67.9406, 0.3275, 0.3431

Triad

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



67.9406, 0.3303, 0.3378



67.9406, 0.3034, 0.3354



67.9406, 0.3046, 0.3139

Complementary

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



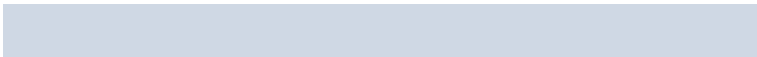
67.9406, 0.3303, 0.3378



69.6164, 0.2965, 0.3200

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.



67.9406, 0.2981, 0.3150



67.9406, 0.3303, 0.3378



67.9406, 0.2974, 0.3274

Square

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



67.9406, 0.3303, 0.3378



67.9406, 0.3119, 0.3418



67.9406, 0.2955, 0.3199



67.9406, 0.3133, 0.3167

Rectangle

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



67.9406, 0.3303, 0.3378



67.9406, 0.3234, 0.3445



67.9406, 0.2955, 0.3199



67.9406, 0.3020, 0.3138

Sweetspot

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



67.9436, 0.3303, 0.3378



96.3076, 0.3175, 0.3315



64.8531, 0.3196, 0.3117



20.4064, 0.3188, 0.3321



0.0000, 0.0000, 0.0000



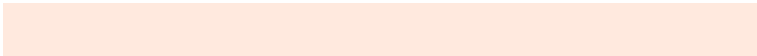
21.4041, 0.3127, 0.3290

Same Dimension

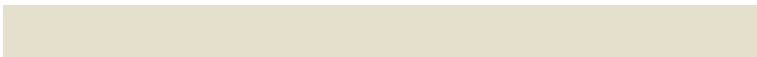
The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.9436, 0.3303, 0.3378



84.7531, 0.3351, 0.3401



74.1493, 0.3288, 0.3506



15.1497, 0.3284, 0.3369



12.7097, 0.5872, 0.3719



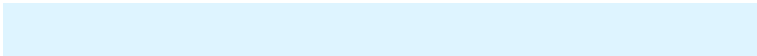
1.1052, 0.5589, 0.3944

Inverse Universe

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



69.6164, 0.2965, 0.3200



87.3909, 0.2925, 0.3177



63.5599, 0.2963, 0.3064



15.4836, 0.2981, 0.3210



16.4146, 0.1934, 0.2164



1.3821, 0.1985, 0.2347

Previews

White Background



This preview shows how the Yxy color 67.9406, 0.3303, 0.3378 looks on a white background.

Color Contrast Check

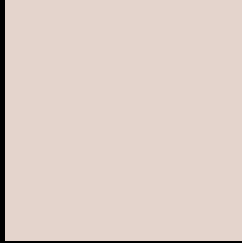
Large Text (above 18pt) WCAG AA × Fail

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 67.9406, 0.3303, 0.3378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

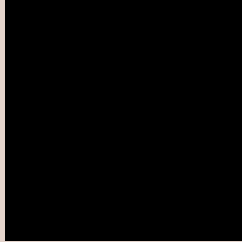
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.9406, 0.3303, 0.3378

Background



This preview shows how black text looks on a background with the Yxy color 67.9406, 0.3303, 0.3378.

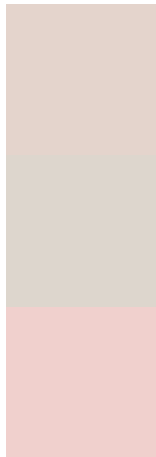


This preview shows how white text looks on a background with the Yxy color 67.9406, 0.3303, 0.3378.

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

67.9406, 0.3303, 0.3378

Protanopia

67.8731, 0.3241, 0.3390

Deuteranopia

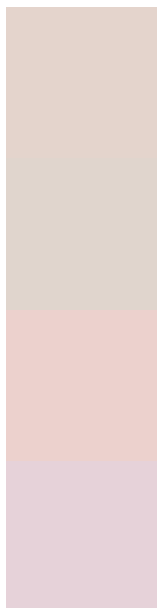
68.0448, 0.3394, 0.3323



Tritanopia

68.0261, 0.3180, 0.3119

Trichromacy



Original Color

67.9406, 0.3303, 0.3378

Protanomaly

67.8436, 0.3265, 0.3379

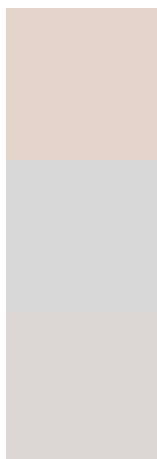
Deuteranomaly

67.8416, 0.3362, 0.3334

Tritanomaly

67.9259, 0.3228, 0.3215

Monochromacy



Original Color

67.9406, 0.3303, 0.3378

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.5700, 0.3184, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.9406, 0.3303, 0.3378 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(228, 212, 204)` looks like.

```
.text, #text, p{  
    color:rgb(228, 212, 204)  
}
```

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(228, 212, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 212, 204) }
```

Border

The CSS property to change the border of an element to Yxy 67.9406, 0.3303, 0.3378 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(228, 212, 204) }
```

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

```
.border{ border-color:rgb(228, 212, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 212, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 212, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 212, 204);  
box-shadow:4px 4px 4px 4px rgb(228, 212,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 67.9406, 0.3303, 0.3378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 212, 204) }
```

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

```
.background{ background-color: rgb(228,  
212, 204) }
```

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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