

Converting Colors

$Yxy(69.1094, 0.3299, 0.3401)$

Have a look what the booklet for
Yxy(69.1094, 0.3299, 0.3401)
contains.

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Color

Yxy(68.9467, 0.3301, 0.3400)

Conversions

Conversions Part 1

Format	Color
Hex	E4D6CC
RGB	228, 214, 204
RGB Percent	89%, 84%, 80%
CMY	0.1059, 0.1608, 0.2000
CMYK	0.00, 0.06, 0.11, 0.11
HSL	25°, 31%, 85%
HSV	25°, 11%, 89%
XYZ	66.9391, 68.9467, 66.8986
YIQ	217.0460, 11.5540, -0.1420

Conversions

Conversions Part 2

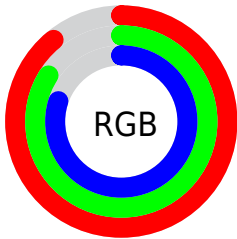
Format	Color
R _Y B	228, 221, 204
Decimal	14997196
CIE Lab	86.48, 3.14, 6.66
CIE LCh	86, 7.363, 64.758
Yxy	68.9467, 0.3301, 0.3400
Android (android.graphics.Color)	4293187276 (0xFFE4D6CC)
YUV	217.0460, -6.4317, 9.6067
Hunter-Lab	83.0341, -1.4095, 10.3554

Details

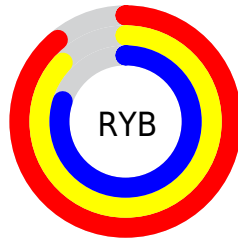
The Yxy color **68.9467, 0.3301, 0.3400** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.5707, 0.2964, 0.3177**, and the grayscale version is **69.4614, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.7689, 0.3338, 0.3419** is the 20% darker color. If you saturate the color by 10%, you get **61.4806, 0.3493, 0.3511**, and if you desaturate by 10%, it is **77.1277, 0.3135, 0.3295**.

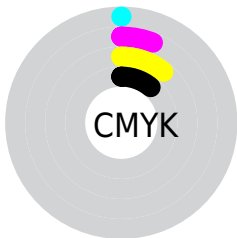
Distribution



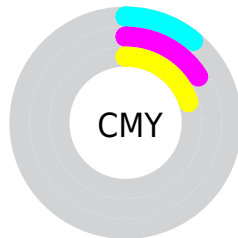
- Red (89%)
- Green (84%)
- Blue (80%)



- Red (89%)
- Yellow (87%)
- Blue (80%)



- Cyan (0%)
- Magenta (6%)
- Yellow (11%)
- Black (11%)



- Cyan (11%)
- Magenta (16%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.9467, 0.3301, 0.3400 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 68.9467, 0.3301, 0.3400 by changing the saturation by 10% instead.

68.9467, 0.3301,
0.3400

68.9467, 0.3301,
0.3400

456.8430, 0.3219,
0.3349

50.6683, 0.3320,
0.3412

117.7054, 0.3272,
0.3382

35.9447, 0.3343,
0.3426

148.9546, 0.3261,
0.3375

24.3915, 0.3373,
0.3444

185.2961, 0.3252,
0.3370

15.6243, 0.3413,
0.3468

227.1144, 0.3244,
0.3364

9.2587, 0.3468,
0.3501

274.7938, 0.3237,
0.3360

4.9103, 0.3549,
0.3548

328.7188, 0.3230,

2.1947, 0.3680,

0.3356

0.3622

389.2737, 0.3225,
0.3352

0.7171, 0.4235,
0.4005

0.0000, 0.0000,
0.0000

68.9467, 0.3301,
0.3400

68.9467, 0.3301,
0.3400

61.4806, 0.3493,
0.3511

77.1277, 0.3135,
0.3295

54.7004, 0.3715,
0.3625

86.0335, 0.2993,
0.3198

48.5881, 0.3968,
0.3739

94.5144, 0.2964,
0.3278

43.1215, 0.4251,
0.3844

95.2340, 0.2964,
0.3290

■ 38.2773, 0.4557,
0.3932

■ 34.0301, 0.4873,
0.3988

■ 30.3525, 0.5180,
0.4001

■ 27.2141, 0.5454,
0.3961

■ 24.7014, 0.5670,
0.3880

Harmonies

Analogous

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



68.9467, 0.3297, 0.3330



68.9467, 0.3301, 0.3400



68.9467, 0.3258, 0.3442

Triad

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



68.9467, 0.3301, 0.3400



68.9467, 0.3009, 0.3329



68.9467, 0.3073, 0.3142

Complementary

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



68.9467, 0.3301, 0.3400



68.5707, 0.2964, 0.3177

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.



68.9467, 0.2997, 0.3140



68.9467, 0.3301, 0.3400



68.9467, 0.2961, 0.3246

Square

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



68.9467, 0.3301, 0.3400



68.9467, 0.3089, 0.3401



68.9467, 0.2956, 0.3178



68.9467, 0.3164, 0.3183

Rectangle

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



68.9467, 0.3301, 0.3400



68.9467, 0.3209, 0.3448



68.9467, 0.2956, 0.3178



68.9467, 0.3045, 0.3137

Sweetspot

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



68.9497, 0.3301, 0.3400



96.7054, 0.3174, 0.3321



64.7361, 0.3211, 0.3138



20.5136, 0.3187, 0.3329



0.0000, 0.0000, 0.0000



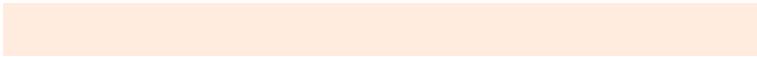
21.4041, 0.3127, 0.3290

Same Dimension

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



68.9497, 0.3301, 0.3400



86.3332, 0.3347, 0.3428



75.2455, 0.3286, 0.3528



15.3511, 0.3282, 0.3388



14.4854, 0.5643, 0.3901



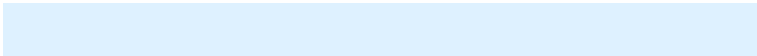
1.2504, 0.5383, 0.4108

Inverse Universe

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



68.5707, 0.2964, 0.3177



85.7366, 0.2924, 0.3148



62.5748, 0.2963, 0.3040



15.2756, 0.2981, 0.3190



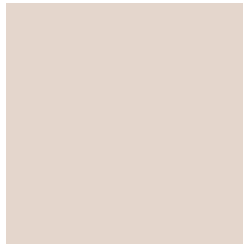
13.1402, 0.1852, 0.1866



1.1535, 0.1915, 0.2095

Previews

White Background



This preview shows how the Yxy color 68.9467, 0.3301, 0.3400 looks on a white background.

Color Contrast Check

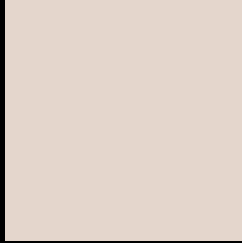
Large Text (above 18pt) WCAG AA × Fail

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 68.9467, 0.3301, 0.3400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

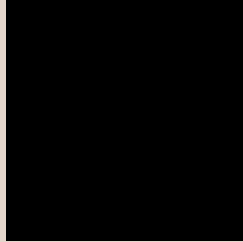
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.9467, 0.3301, 0.3400

Background



This preview shows how black text looks on a background with the Yxy color 68.9467, 0.3301, 0.3400.

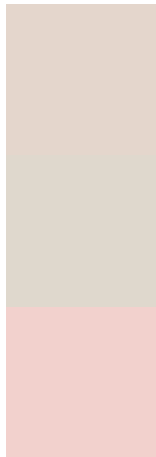


This preview shows how white text looks on a background with the Yxy color 68.9467, 0.3301, 0.3400.

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

68.9467, 0.3301, 0.3400

Protanopia

69.2075, 0.3254, 0.3412

Deuteranopia

68.8860, 0.3408, 0.3333



Tritanopia

69.1235, 0.3165, 0.3120

Trichromacy



Original Color

68.9467, 0.3301, 0.3400

Protanomaly

69.0162, 0.3270, 0.3400

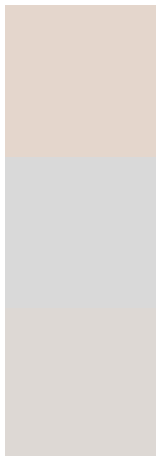
Deuteranomaly

69.0008, 0.3367, 0.3355

Tritanomaly

69.0244, 0.3212, 0.3215

Monochromacy



Original Color

68.9467, 0.3301, 0.3400

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

69.2374, 0.3191, 0.3334

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.9467, 0.3301, 0.3400 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, 214, 204)` looks like.

```
.text, #text, p{  
    color:rgb(228, 214, 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, 214, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 214, 204) }
```

Border

The CSS property to change the border of an element to Yxy 68.9467, 0.3301, 0.3400 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, 214, 204) }
```

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

```
.border{ border-color:rgb(228, 214, 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, 214, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 214, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 214, 204);  
box-shadow:4px 4px 4px 4px rgb(228, 214,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 68.9467, 0.3301, 0.3400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 214, 204) }
```

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

```
.background{ background-color: rgb(228,  
214, 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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