

Converting Colors

Yxy(68.1158, 0.3287, 0.3389)

Have a look what the booklet for
Yxy(68.1158, 0.3287, 0.3389)
contains.

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Color

Yxy(68.1169, 0.3287, 0.3389)

Conversions

Conversions Part 1

Format	Color
Hex	E2D5CC
RGB	226, 213, 204
RGB Percent	89%, 84%, 80%
CMY	0.1136, 0.1647, 0.1999
CMYK	0.00, 0.06, 0.10, 0.11
HSL	24°, 28%, 84%
HSV	24°, 10%, 89%
XYZ	66.0668, 68.1169, 66.8104
YIQ	215.8610, 10.6370, -0.0430

Conversions

Conversions Part 2

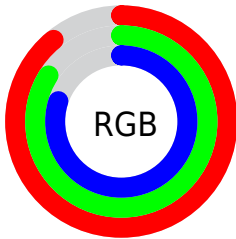
Format	Color
R _Y B	226, 219, 204
Decimal	14865868
CIE Lab	86.06, 2.98, 6.02
CIE LCh	86, 6.719, 63.689
Yxy	68.1169, 0.3287, 0.3389
Android (android.graphics.Color)	4293055948 (0xFFE2D5CC)
YUV	215.8610, -5.8475, 8.8919
Hunter-Lab	82.5330, -1.5453, 9.7778

Details

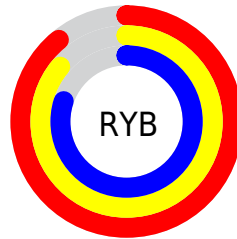
The Yxy color **68.1169, 0.3287, 0.3389** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.9940, 0.2977, 0.3189**, and the grayscale version is **68.6101, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.3137, 0.3330, 0.3406** is the 20% darker color. If you saturate the color by 10%, you get **60.6508, 0.3478, 0.3497**, and if you desaturate by 10%, it is **76.3029, 0.3123, 0.3287**.

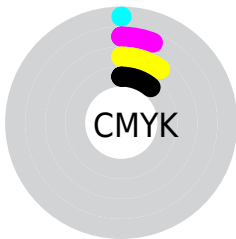
Distribution



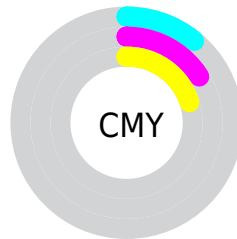
- Red (89%)
- Green (84%)
- Blue (80%)



- Red (89%)
- Yellow (86%)
- Blue (80%)



- Cyan (0%)
- Magenta (6%)
- Yellow (10%)
- Black (11%)





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

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.1169, 0.3287, 0.3389 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 68.1169, 0.3287, 0.3389 by changing the saturation by 10% instead.


 68.1169, 0.3287,
0.3389

 68.1169, 0.3287,
0.3389


453.9101, 0.3212,
0.3343

 49.9928, 0.3304,
0.3400


116.5194, 0.3261,
0.3373

 35.4077, 0.3326,
0.3413


147.5666, 0.3251,
0.3367

 23.9771, 0.3354,
0.3429


183.6903, 0.3242,
0.3361

 15.3166, 0.3391,
0.3451

225.2748, 0.3234,
0.3357

 9.0419, 0.3442,
0.3481

272.7047, 0.3228,
0.3353

 4.7685, 0.3517,
0.3524

326.3643, 0.3222,

 2.1121, 0.3640,

0.3349

386.6380, 0.3217,
0.3346

0.3592

0.6714, 0.4201,
0.3968

0.0000, 0.0000,
0.0000

68.1169, 0.3287,
0.3389

68.1169, 0.3287,
0.3389

60.6508, 0.3478,
0.3497

76.3029, 0.3123,
0.3287

53.8755, 0.3698,
0.3608

85.2190, 0.2983,
0.3193

47.7729, 0.3951,
0.3720

93.7542, 0.2952,
0.3271

42.3205, 0.4234,
0.3824

94.9135, 0.2952,
0.3289

■ 37.4949, 0.4541,
0.3910

■ 33.2705, 0.4862,
0.3968

■ 29.6199, 0.5176,
0.3983

■ 26.5124, 0.5458,
0.3946

■ 23.9076, 0.5691,
0.3861

Harmonies

Analogous

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



68.1169, 0.3282, 0.3324



68.1169, 0.3287, 0.3389



68.1169, 0.3249, 0.3428

Triad

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



68.1169, 0.3287, 0.3389



68.1169, 0.3021, 0.3328



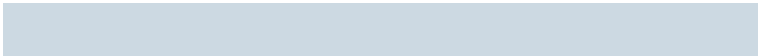
68.1169, 0.3074, 0.3154

Complementary

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



68.1169, 0.3287, 0.3389



67.9940, 0.2977, 0.3189

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.



68.1169, 0.3006, 0.3153



68.1169, 0.3287, 0.3389



68.1169, 0.2975, 0.3253

Square

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



68.1169, 0.3287, 0.3389



68.1169, 0.3095, 0.3394



68.1169, 0.2970, 0.3189



68.1169, 0.3158, 0.3190

Rectangle

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



68.1169, 0.3287, 0.3389



68.1169, 0.3205, 0.3434



68.1169, 0.2970, 0.3189



68.1169, 0.3049, 0.3149

Sweetspot

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



68.1199, 0.3287, 0.3389



96.6588, 0.3174, 0.3320



64.3953, 0.3201, 0.3146



20.5010, 0.3187, 0.3328



0.0000, 0.0000, 0.0000



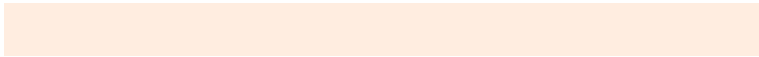
21.4041, 0.3127, 0.3290

Same Dimension

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



68.1199, 0.3287, 0.3389



87.1554, 0.3329, 0.3414



73.7544, 0.3274, 0.3506



14.6129, 0.3282, 0.3386



13.8190, 0.5669, 0.3880



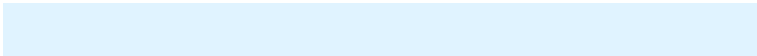
1.1306, 0.5391, 0.4102

Inverse Universe

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



67.9940, 0.2977, 0.3189



86.9529, 0.2940, 0.3163



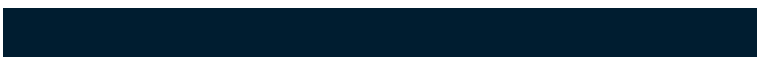
62.5877, 0.2976, 0.3065



14.5868, 0.2981, 0.3192



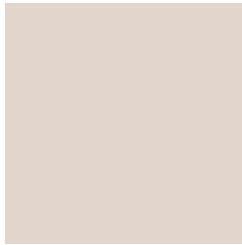
13.0858, 0.1862, 0.1902



1.0817, 0.1927, 0.2138

Previews

White Background



This preview shows how the Yxy color 68.1169, 0.3287, 0.3389 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 68.1169, 0.3287, 0.3389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

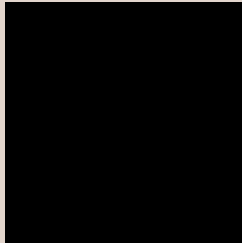
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

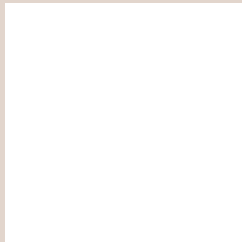
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.1169, 0.3287, 0.3389

Background



This preview shows how black text looks on a background with the Yxy color 68.1169, 0.3287, 0.3389.

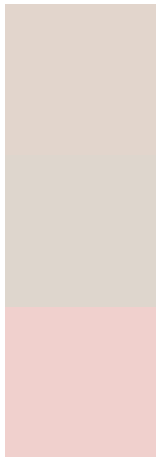


This preview shows how white text looks on a background with the Yxy color 68.1169, 0.3287, 0.3389.

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

68.1169, 0.3287, 0.3389

Protanopia

68.0305, 0.3249, 0.3390

Deuteranopia

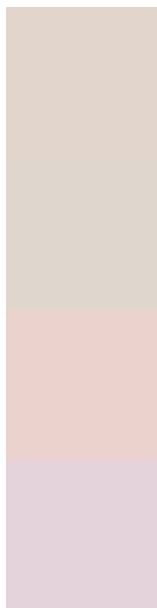
68.0448, 0.3394, 0.3323



Tritanopia

68.2422, 0.3157, 0.3119

Trichromacy



Original Color

68.1169, 0.3287, 0.3389

Protanomaly

68.1889, 0.3256, 0.3390

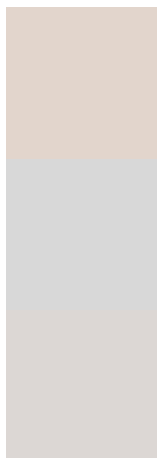
Deuteranomaly

68.1631, 0.3353, 0.3345

Tritanomaly

68.1445, 0.3205, 0.3215

Monochromacy



Original Color

68.1169, 0.3287, 0.3389

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 68.1169, 0.3287, 0.3389 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(226, 213, 204)` looks like.

```
.text, #text, p{  
    color:rgb(226, 213, 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(226, 213, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 213, 204) }
```

Border

The CSS property to change the border of an element to Yxy 68.1169, 0.3287, 0.3389 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(226, 213, 204) }
```

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

```
.border{ border-color:rgb(226, 213, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 213, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 213, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 213, 204);  
box-shadow:4px 4px 4px 4px rgb(226, 213,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 68.1169, 0.3287, 0.3389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 213, 204) }
```

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

```
.background{ background-color: rgb(226,  
213, 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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