

Converting Colors

$Yxy(68.1872, 0.3367, 0.3486)$

Have a look what the booklet for
Yxy(68.1872, 0.3367, 0.3486)
contains.

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Color

Yxy(68.0226, 0.3367, 0.3489)

Conversions

Conversions Part 1

Format	Color
Hex	E4D5C3
RGB	228, 213, 195
RGB Percent	89%, 84%, 76%
CMY	0.1058, 0.1647, 0.2353
CMYK	0.00, 0.07, 0.14, 0.11
HSL	33°, 38%, 83%
HSV	33°, 14%, 89%
XYZ	65.6441, 68.0226, 61.2964
YIQ	215.4330, 14.7180, -2.4180

Conversions

Conversions Part 2

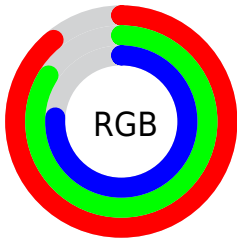
Format	Color
R _Y B	223, 228, 195
Decimal	14996931
CIE Lab	86.02, 2.23, 10.75
CIE LCh	86, 10.981, 78.260
Yxy	68.0226, 0.3367, 0.3489
Android (android.graphics.Color)	4293187011 (0xFFE4D5C3)
YUV	215.4330, -10.0735, 11.0213
Hunter-Lab	82.4758, -2.2612, 13.6685

Details

The Yxy color **68.0226, 0.3367, 0.3489** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.3070, 0.2900, 0.3083**, and the grayscale version is **68.3292, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8083, 0.3144, 0.3319**, and **35.1475, 0.3426, 0.3537** is the 20% darker color. If you saturate the color by 10%, you get **62.0193, 0.3559, 0.3634**, and if you desaturate by 10%, it is **74.5232, 0.3197, 0.3350**.

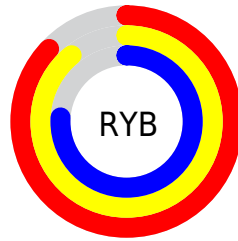
Distribution



Red (89%)

Green (84%)

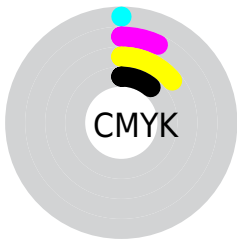
Blue (76%)



Red (87%)

Yellow (89%)

Blue (76%)

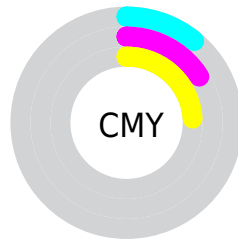


Cyan (0%)

Magenta (7%)

Yellow (14%)

Black (11%)



Cyan (11%)

Magenta (16%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.0226, 0.3367, 0.3489 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 68.0226, 0.3367, 0.3489 by changing the saturation by 10% instead.

68.0226, 0.3367,
0.3489

68.0226, 0.3367,
0.3489

453.5761, 0.3254,
0.3396

49.9161, 0.3393,
0.3510

116.3845, 0.3328,
0.3457

35.3468, 0.3426,
0.3537

147.4087, 0.3312,
0.3444

23.9301, 0.3467,
0.3570

183.5075, 0.3299,
0.3433

15.2818, 0.3522,
0.3614

225.0655, 0.3288,
0.3424

9.0174, 0.3598,
0.3674

272.4669, 0.3278,
0.3416

4.7525, 0.3709,
0.3761

326.0962, 0.3269,

2.1028, 0.3887,

0.3409

386.3378, 0.3261,
0.3402

0.3897

0.6662, 0.5080,
0.4920

0.0000, 0.0000,
0.0000

68.0226, 0.3367,
0.3489

68.0226, 0.3367,
0.3489

62.0193, 0.3559,
0.3634

74.5232, 0.3197,
0.3350

56.4910, 0.3773,
0.3782

81.5247, 0.3047,
0.3219

51.4267, 0.4007,
0.3925

88.4892, 0.2963,
0.3180

46.8113, 0.4257,
0.4055

94.9121, 0.2964,
0.3284

■ 42.6290, 0.4515,
0.4161

■ 95.2376, 0.2964,
0.3290

■ 38.8623, 0.4767,
0.4230

■ 35.4921, 0.4999,
0.4250

■ 32.4960, 0.5197,
0.4216

■ 30.9876, 0.5293,
0.4179

Harmonies

Analogous

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



68.0226, 0.3394, 0.3399



68.0226, 0.3367, 0.3489



68.0226, 0.3275, 0.3528

Triad

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



68.0226, 0.3367, 0.3489



68.0226, 0.2911, 0.3291



68.0226, 0.3105, 0.3091

Complementary

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



68.0226, 0.3367, 0.3489



63.3070, 0.2900, 0.3083

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.



68.0226, 0.2978, 0.3061



68.0226, 0.3367, 0.3489



68.0226, 0.2867, 0.3173

Square

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



68.0226, 0.3367, 0.3489



68.0226, 0.3011, 0.3413



68.0226, 0.2892, 0.3089



68.0226, 0.3241, 0.3172

Rectangle

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



68.0226, 0.3367, 0.3489



68.0226, 0.3190, 0.3517



68.0226, 0.2892, 0.3089



68.0226, 0.3060, 0.3075

Sweetspot

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



68.0256, 0.3367, 0.3489



96.4356, 0.3189, 0.3344



60.1996, 0.3276, 0.3120



20.5002, 0.3202, 0.3354



0.0000, 0.0000, 0.0000



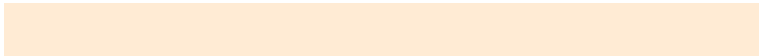
21.4041, 0.3127, 0.3290

Same Dimension

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



68.0256, 0.3367, 0.3489



85.5733, 0.3415, 0.3527



75.7572, 0.3336, 0.3649



15.6635, 0.3279, 0.3418



18.1296, 0.5272, 0.4196



1.5249, 0.5072, 0.4355

Inverse Universe

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



63.3070, 0.2900, 0.3083



78.5240, 0.2858, 0.3041



56.3799, 0.2902, 0.2906



14.9617, 0.2981, 0.3158



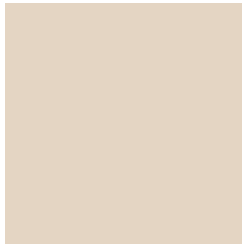
9.1488, 0.1732, 0.1435



0.8598, 0.1809, 0.1713

Previews

White Background



This preview shows how the Yxy color 68.0226, 0.3367, 0.3489 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 68.0226, 0.3367, 0.3489 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

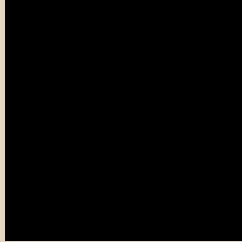
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

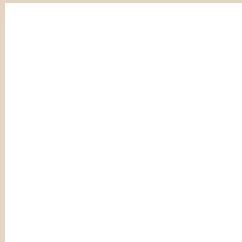
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.0226, 0.3367, 0.3489

Background



This preview shows how black text looks on a background with the Yxy color 68.0226, 0.3367, 0.3489.



This preview shows how white text looks on a background with the Yxy color 68.0226, 0.3367, 0.3489.

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

68.0226, 0.3367, 0.3489

Protanopia

67.9260, 0.3327, 0.3491

Deuteranopia

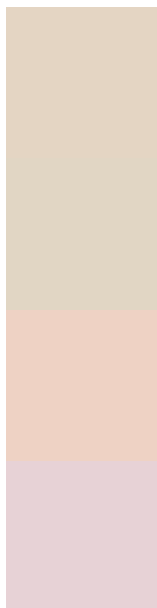
68.1520, 0.3485, 0.3419



Tritanopia

68.1930, 0.3187, 0.3120

Trichromacy



Original Color

68.0226, 0.3367, 0.3489

Protanomaly

68.0862, 0.3335, 0.3490

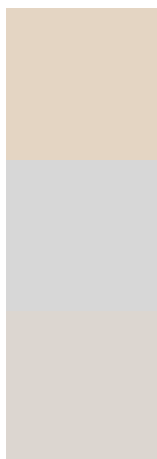
Deuteranomaly

68.2559, 0.3442, 0.3442

Tritanomaly

67.9372, 0.3257, 0.3247

Monochromacy



Original Color

68.0226, 0.3367, 0.3489

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.8628, 0.3213, 0.3357

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.0226, 0.3367, 0.3489 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, 213, 195)` looks like.

```
.text, #text, p{  
    color:rgb(228, 213, 195)  
}
```

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, 213, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 213, 195) }
```

Border

The CSS property to change the border of an element to Yxy 68.0226, 0.3367, 0.3489 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, 213, 195) }
```

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

```
.border{ border-color:rgb(228, 213, 195) }
```

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

Here you see how a box with a 4 pixel rgb(228, 213, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 213, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 213, 195);  
box-shadow:4px 4px 4px 4px rgb(228, 213,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 68.0226, 0.3367, 0.3489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 213, 195) }
```

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

```
.background{ background-color: rgb(228,  
213, 195) }
```

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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