

Converting Colors

$Yxy(69.8505, 0.3232, 0.3333)$

Have a look what the booklet for
Yxy(69.8505, 0.3232, 0.3333)
contains.

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Color

Yxy(70.0340, 0.3228, 0.3334)

Conversions

Conversions Part 1

Format	Color
Hex	E2D8D4
RGB	226, 216, 212
RGB Percent	89%, 85%, 83%
CMY	0.1136, 0.1529, 0.1687
CMYK	0.00, 0.04, 0.06, 0.11
HSL	17°, 20%, 86%
HSV	17°, 6%, 89%
XYZ	67.8074, 70.0340, 72.2186
YIQ	218.5340, 7.2440, 0.8760

Conversions

Conversions Part 2

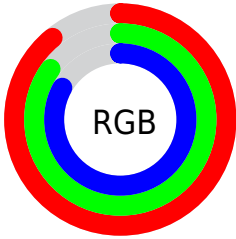
Format	Color
R _Y B	226, 218, 212
Decimal	14866644
CIE Lab	87.01, 2.74, 3.19
CIE LCh	87, 4.209, 49.296
Yxy	70.0340, 0.3228, 0.3334
Android (android.graphics.Color)	4293056724 (0xFFE2D8D4)
YUV	218.5340, -3.2213, 6.5477
Hunter-Lab	83.6863, -1.8203, 7.4150

Details

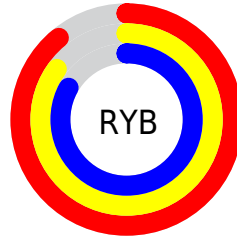
The Yxy color **70.0340, 0.3228, 0.3334** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.7338, 0.3031, 0.3246**, and the grayscale version is **70.5211, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.5820, 0.3260, 0.3347** is the 20% darker color. If you saturate the color by 10%, you get **61.1087, 0.3415, 0.3409**, and if you desaturate by 10%, it is **79.9371, 0.3071, 0.3264**.

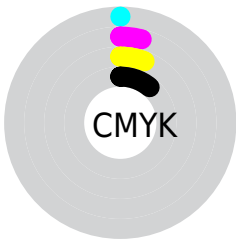
Distribution



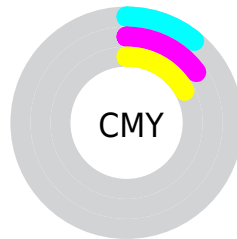
- Red (89%)
- Green (85%)
- Blue (83%)



- Red (89%)
- Yellow (85%)
- Blue (83%)



- Cyan (0%)
- Magenta (4%)
- Yellow (6%)
- Black (11%)



- Cyan (11%)
- Magenta (15%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.0340, 0.3228, 0.3334 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 70.0340, 0.3228, 0.3334 by changing the saturation by 10% instead.

70.0340, 0.3228,
0.3334

70.0340, 0.3228,
0.3334

460.6694, 0.3181,
0.3314

51.5543, 0.3239,
0.3339

119.2572, 0.3212,
0.3327

36.6499, 0.3252,
0.3344

150.7695, 0.3205,
0.3324

24.9365, 0.3270,
0.3352

187.3948, 0.3200,
0.3322

16.0298, 0.3292,
0.3361

229.5174, 0.3195,
0.3320

9.5452, 0.3324,
0.3374

277.5218, 0.3191,
0.3318

5.0985, 0.3370,
0.3393

331.7923, 0.3187,

2.3052, 0.3444,

0.3316

0.3422

392.7134, 0.3184,
0.3315

0.7764, 0.3653,
0.3523

0.0000, 0.0000,
0.0000

70.0340, 0.3228,
0.3334

70.0340, 0.3228,
0.3334

61.1087, 0.3415,
0.3409

79.9371, 0.3071,
0.3264

53.1221, 0.3638,
0.3488

90.6956, 0.2951,
0.3222

46.0459, 0.3900,
0.3567

94.9129, 0.2952,
0.3289

39.8469, 0.4205,
0.3643

■ 34.4896, 0.4550,
0.3707

■ 29.9364, 0.4922,
0.3749

■ 26.1462, 0.5300,
0.3757

■ 23.0740, 0.5648,
0.3721

■ 20.6690, 0.5927,
0.3640

Harmonies

Analogous

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



70.0340, 0.3212, 0.3290



70.0340, 0.3228, 0.3334



70.0340, 0.3217, 0.3367

Triad

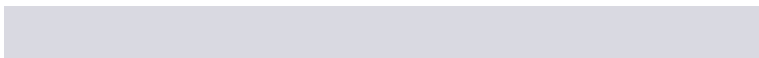
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.0340, 0.3228, 0.3334



70.0340, 0.3082, 0.3335



70.0340, 0.3072, 0.3202

Complementary

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



70.0340, 0.3228, 0.3334



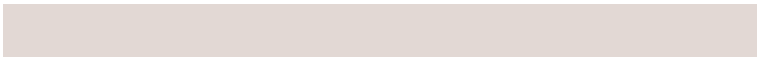
71.7338, 0.3031, 0.3246

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.



70.0340, 0.3038, 0.3213



70.0340, 0.3228, 0.3334



70.0340, 0.3044, 0.3290

Square

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



70.0340, 0.3228, 0.3334



70.0340, 0.3133, 0.3368



70.0340, 0.3028, 0.3245



70.0340, 0.3121, 0.3214

Rectangle

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



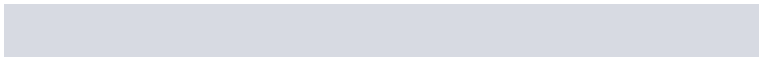
70.0340, 0.3228, 0.3334



70.0340, 0.3196, 0.3378



70.0340, 0.3028, 0.3245



70.0340, 0.3059, 0.3203

Sweetspot

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



70.0371, 0.3228, 0.3334



97.3747, 0.3159, 0.3304



68.5274, 0.3162, 0.3181



20.8698, 0.3157, 0.3303



0.0000, 0.0000, 0.0000



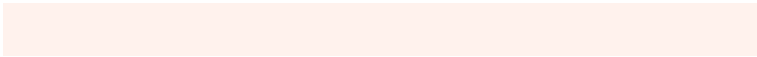
21.4041, 0.3127, 0.3290

Same Dimension

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



70.0371, 0.3228, 0.3334



91.0402, 0.3242, 0.3340



73.6918, 0.3222, 0.3409



14.7069, 0.3251, 0.3344



11.5342, 0.5989, 0.3627



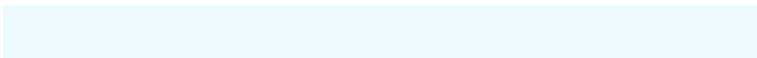
0.9497, 0.5684, 0.3869

Inverse Universe

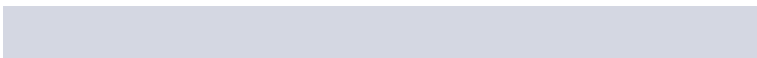
The Inverse Universe completely reimagines the original color for something new.



71.7338, 0.3031, 0.3246



93.5555, 0.3019, 0.3239



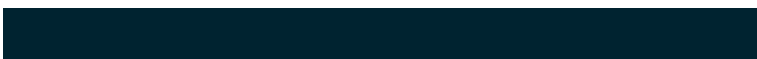
68.1004, 0.3032, 0.3168



15.1438, 0.3011, 0.3236



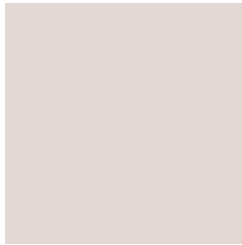
17.9562, 0.1982, 0.2335



1.3952, 0.2028, 0.2499

Previews

White Background



This preview shows how the Yxy color 70.0340, 0.3228, 0.3334 looks on a white background.

Color Contrast Check

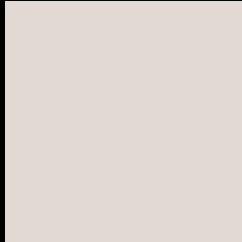
Large Text (above 18pt) WCAG AA × Fail

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 70.0340, 0.3228, 0.3334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

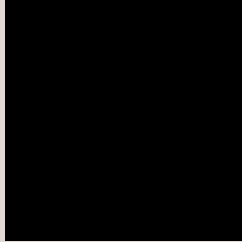
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

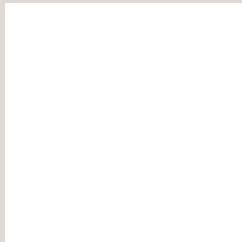
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.0340, 0.3228, 0.3334

Background



This preview shows how black text looks on a background with the Yxy color 70.0340, 0.3228, 0.3334.

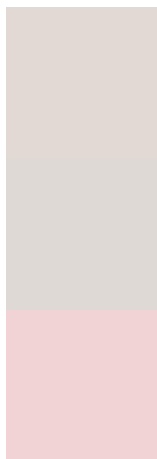


This preview shows how white text looks on a background with the Yxy color 70.0340, 0.3228, 0.3334.

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

70.0340, 0.3228, 0.3334

Protanopia

70.1178, 0.3198, 0.3334

Deuteranopia

70.0934, 0.3339, 0.3270



Tritanopia

69.9597, 0.3128, 0.3109

Trichromacy



Original Color

70.0340, 0.3228, 0.3334

Protanomaly

70.2771, 0.3205, 0.3334

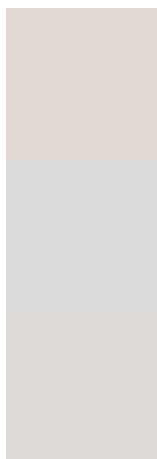
Deuteranomaly

70.2255, 0.3299, 0.3291

Tritanomaly

69.9148, 0.3168, 0.3194

Monochromacy



Original Color

70.0340, 0.3228, 0.3334

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.6303, 0.3169, 0.3312

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.0340, 0.3228, 0.3334 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, 216, 212) looks like.

```
.text, #text, p{  
    color:rgb(226, 216, 212)  
}
```

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, 216, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 216, 212) }
```

Border

The CSS property to change the border of an element to Yxy 70.0340, 0.3228, 0.3334 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, 216, 212) }
```

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

```
.border{ border-color:rgb(226, 216, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 216, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 216, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 216, 212);  
box-shadow:4px 4px 4px 4px rgb(226, 216,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 70.0340, 0.3228, 0.3334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 216, 212) }
```

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

```
.background{ background-color: rgb(226,  
216, 212) }
```

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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