

Converting Colors

$Yxy(69.7235, 0.3233, 0.3330)$

Have a look what the booklet for
Yxy(69.7235, 0.3233, 0.3330)
contains.

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Color

Yxy(69.5231, 0.3229, 0.3323)

Conversions

Conversions Part 1

Format	Color
Hex	E2D7D4
RGB	226, 215, 212
RGB Percent	89%, 84%, 83%
CMY	0.1136, 0.1569, 0.1687
CMYK	0.00, 0.05, 0.06, 0.11
HSL	13°, 20%, 86%
HSV	13°, 6%, 89%
XYZ	67.5565, 69.5231, 72.1383
YIQ	217.9470, 7.5190, 1.3990

Conversions

Conversions Part 2

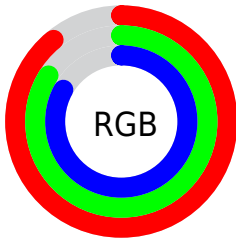
Format	Color
R _Y B	226, 216, 212
Decimal	14866388
CIE Lab	86.76, 3.28, 2.82
CIE LCh	87, 4.324, 40.752
Yxy	69.5231, 0.3229, 0.3323
Android (android.graphics.Color)	4293056468 (0xFFE2D7D4)
YUV	217.9470, -2.9319, 7.0625
Hunter-Lab	83.3805, -1.2919, 7.0704

Details

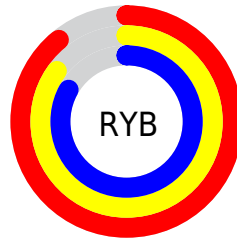
The Yxy color **69.5231, 0.3229, 0.3323** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.2846, 0.3031, 0.3257**, and the grayscale version is **70.0940, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.2339, 0.3261, 0.3333** is the 20% darker color. If you saturate the color by 10%, you get **59.8995, 0.3420, 0.3379**, and if you desaturate by 10%, it is **80.2956, 0.3071, 0.3271**.

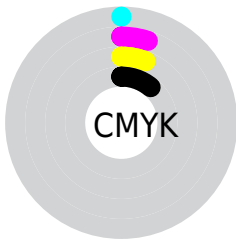
Distribution



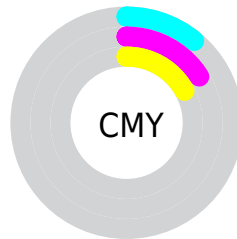
- Red (89%)
- Green (84%)
- Blue (83%)



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



- Cyan (0%)
- Magenta (5%)
- Yellow (6%)
- Black (11%)



- Cyan (11%)
- Magenta (16%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.5231, 0.3229, 0.3323 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 69.5231, 0.3229, 0.3323 by changing the saturation by 10% instead.

■ 69.5231, 0.3229,
0.3323

■ 69.5231, 0.3229,
0.3323

458.8737, 0.3181,
0.3308

■ 51.1378, 0.3240,
0.3326

118.5284, 0.3212,
0.3318

■ 36.3183, 0.3254,
0.3331

149.9173, 0.3206,
0.3316

■ 24.6801, 0.3271,
0.3336

186.4094, 0.3200,
0.3314

■ 15.8389, 0.3294,
0.3343

228.3893, 0.3196,
0.3312

■ 9.4102, 0.3326,
0.3353

276.2412, 0.3191,
0.3311

■ 5.0097, 0.3373,
0.3366

330.3497, 0.3188,

■ 2.2530, 0.3449,

0.3310

0.3388

391.0991, 0.3184,
0.3309

0.7486, 0.3668,
0.3469

0.0000, 0.0000,
0.0000

69.5231, 0.3229,
0.3323

69.5231, 0.3229,
0.3323

59.8995, 0.3420,
0.3379

80.2956, 0.3071,
0.3271

51.3780, 0.3650,
0.3439

92.1017, 0.2952,
0.3245

43.9215, 0.3926,
0.3498

94.9155, 0.2952,
0.3289

37.4877, 0.4250,
0.3555

■ 32.0313, 0.4621,
0.3601

■ 27.5036, 0.5025,
0.3628

■ 23.8515, 0.5434,
0.3626

■ 21.0161, 0.5803,
0.3587

■ 18.9307, 0.6085,
0.3513

Harmonies

Analogous

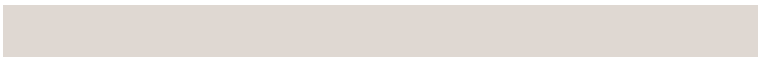
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



69.5231, 0.3205, 0.3276



69.5231, 0.3229, 0.3323



69.5231, 0.3226, 0.3361

Triad

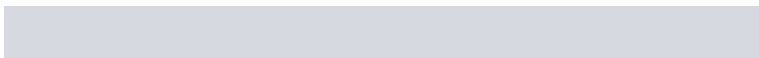
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.5231, 0.3229, 0.3323



69.5231, 0.3095, 0.3348



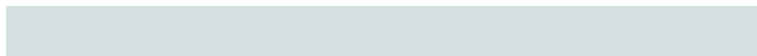
69.5231, 0.3058, 0.3200

Complementary

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



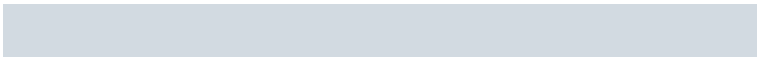
69.5231, 0.3229, 0.3323



72.2846, 0.3031, 0.3257

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.



69.5231, 0.3030, 0.3218



69.5231, 0.3229, 0.3323



69.5231, 0.3050, 0.3303

Square

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



69.5231, 0.3229, 0.3323



69.5231, 0.3148, 0.3376



69.5231, 0.3027, 0.3256



69.5231, 0.3106, 0.3206

Rectangle

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



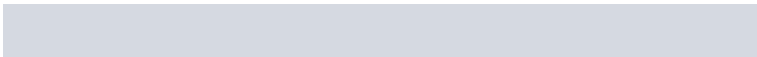
69.5231, 0.3229, 0.3323



69.5231, 0.3209, 0.3377



69.5231, 0.3027, 0.3256



69.5231, 0.3046, 0.3204

Sweetspot

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



69.5261, 0.3229, 0.3323



97.1441, 0.3159, 0.3301



68.5976, 0.3154, 0.3169



20.8228, 0.3157, 0.3300



0.0000, 0.0000, 0.0000



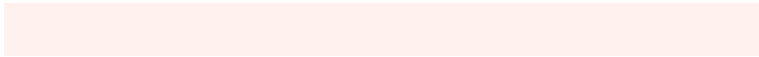
21.4041, 0.3127, 0.3290

Same Dimension

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



69.5261, 0.3229, 0.3323



90.2734, 0.3244, 0.3328



73.0788, 0.3223, 0.3397



14.5739, 0.3252, 0.3330



10.5858, 0.6145, 0.3502



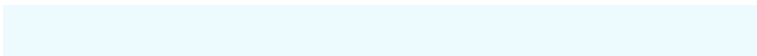
0.8642, 0.5850, 0.3737

Inverse Universe

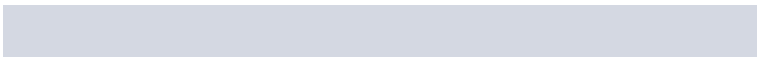
The Inverse Universe completely reimagines the original color for something new.



72.2846, 0.3031, 0.3257



94.3600, 0.3018, 0.3252



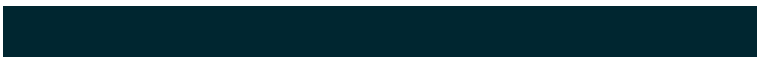
68.7059, 0.3032, 0.3181



15.2838, 0.3011, 0.3249



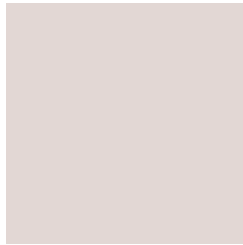
21.4069, 0.2053, 0.2590



1.6093, 0.2086, 0.2710

Previews

White Background



This preview shows how the Yxy color 69.5231, 0.3229, 0.3323 looks on a white background.

Color Contrast Check

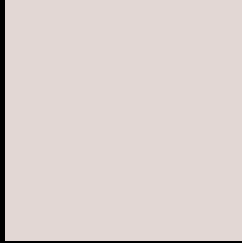
Large Text (above 18pt) WCAG AA × Fail

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 69.5231, 0.3229, 0.3323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

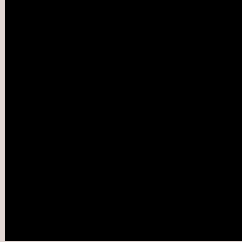
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

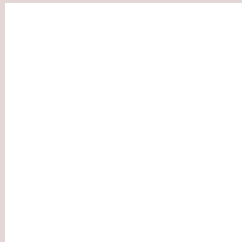
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.5231, 0.3229, 0.3323

Background



This preview shows how black text looks on a background with the Yxy color 69.5231, 0.3229, 0.3323.



This preview shows how white text looks on a background with the Yxy color 69.5231, 0.3229, 0.3323.

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

69.5231, 0.3229, 0.3323

Protanopia

69.4454, 0.3191, 0.3323

Deuteranopia

69.4225, 0.3333, 0.3259



Tritanopia

69.4021, 0.3136, 0.3109

Trichromacy



Original Color

69.5231, 0.3229, 0.3323

Protanomaly

69.6038, 0.3199, 0.3323

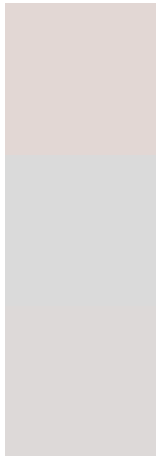
Deuteranomaly

69.5532, 0.3292, 0.3280

Tritanomaly

69.4102, 0.3169, 0.3183

Monochromacy



Original Color

69.5231, 0.3229, 0.3323

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

69.9557, 0.3163, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.5231, 0.3229, 0.3323 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, 215, 212) looks like.

```
.text, #text, p{  
    color:rgb(226, 215, 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, 215, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 215, 212) }
```

Border

The CSS property to change the border of an element to Yxy 69.5231, 0.3229, 0.3323 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, 215, 212) }
```

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

```
.border{ border-color:rgb(226, 215, 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, 215, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 215, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 215, 212);  
box-shadow:4px 4px 4px 4px rgb(226, 215,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 69.5231, 0.3229, 0.3323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 215, 212) }
```

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

```
.background{ background-color: rgb(226,  
215, 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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