

Converting Colors

$Yxy(71.8818, 0.3228, 0.3304)$

Have a look what the booklet for
Yxy(71.8818, 0.3228, 0.3304)
contains.

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Color

Yxy(71.9237, 0.3228, 0.3312)

Conversions

Conversions Part 1

Format	Color
Hex	E6DAD8
RGB	230, 218, 216
RGB Percent	90%, 85%, 85%
CMY	0.0980, 0.1451, 0.1530
CMYK	0.00, 0.05, 0.06, 0.10
HSL	9°, 22%, 87%
HSV	9°, 6%, 90%
XYZ	70.0995, 71.9237, 75.1377
YIQ	221.3600, 7.7940, 1.9220

Conversions

Conversions Part 2

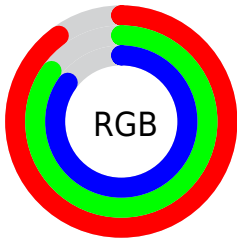
Format	Color
R _Y B	230, 218, 216
Decimal	15129304
CIE Lab	87.93, 3.77, 2.46
CIE LCh	88, 4.495, 33.107
Yxy	71.9237, 0.3228, 0.3312
Android (android.graphics.Color)	4293319384 (0xFFE6DAD8)
YUV	221.3600, -2.6425, 7.5773
Hunter-Lab	84.8078, -0.8711, 6.8360

Details

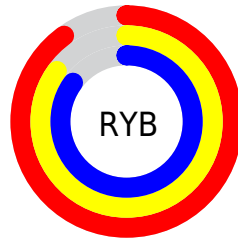
The Yxy color **71.9237, 0.3228, 0.3312** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.7888, 0.3033, 0.3268**, and the grayscale version is **72.5893, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.7663, 0.3250, 0.3318** is the 20% darker color. If you saturate the color by 10%, you get **61.2107, 0.3423, 0.3350**, and if you desaturate by 10%, it is **84.0214, 0.3069, 0.3277**.

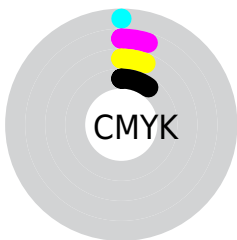
Distribution



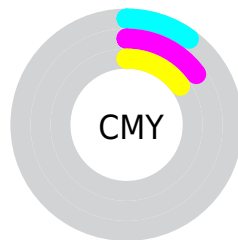
- Red (90%)
- Green (85%)
- Blue (85%)



- Red (90%)
- Yellow (85%)
- Blue (85%)



- Cyan (0%)
- Magenta (5%)
- Yellow (6%)
- Black (10%)




- Cyan (10%)
- Magenta (15%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.9237, 0.3228, 0.3312 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 71.9237, 0.3228, 0.3312 by changing the saturation by 10% instead.

 71.9237, 0.3228,
0.3312

 71.9237, 0.3228,
0.3312


467.2760, 0.3181,
0.3302

 53.0964, 0.3239,
0.3314

121.9480, 0.3212,
0.3309

 37.8797, 0.3252,
0.3317


153.9138, 0.3205,
0.3307

 25.8893, 0.3269,
0.3320


191.0279, 0.3200,
0.3306

 16.7409, 0.3291,
0.3325

233.6746, 0.3195,
0.3305

 10.0499, 0.3322,
0.3331

282.2384, 0.3191,
0.3304

 5.4321, 0.3367,
0.3339

337.1036, 0.3187,

 2.5029, 0.3439,

0.3303

398.6547, 0.3184,
0.3303

0.3352

0.8781, 0.3586,
0.3388

0.0000, 0.0000,
0.0000

71.9237, 0.3228,
0.3312

71.9237, 0.3228,
0.3312

61.2107, 0.3423,
0.3350

84.0214, 0.3069,
0.3277

51.8239, 0.3660,
0.3391

95.5651, 0.2976,
0.3290

43.7145, 0.3948,
0.3432

36.8269, 0.4291,
0.3470

■ 31.1016, 0.4687,
0.3500

■ 26.4741, 0.5120,
0.3515

■ 22.8734, 0.5554,
0.3508

■ 20.2201, 0.5934,
0.3474

■ 18.4224, 0.6205,
0.3415

Harmonies

Analogous

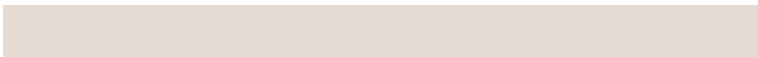
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.9237, 0.3197, 0.3264



71.9237, 0.3228, 0.3312



71.9237, 0.3232, 0.3355

Triad

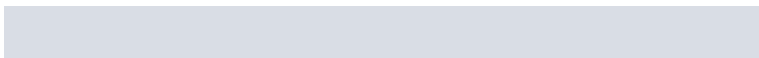
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.9237, 0.3228, 0.3312



71.9237, 0.3107, 0.3359



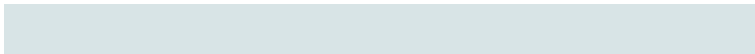
71.9237, 0.3047, 0.3200

Complementary

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



71.9237, 0.3228, 0.3312



75.7888, 0.3033, 0.3268

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.



71.9237, 0.3023, 0.3225



71.9237, 0.3228, 0.3312



71.9237, 0.3058, 0.3316

Square

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



71.9237, 0.3228, 0.3312



71.9237, 0.3162, 0.3382



71.9237, 0.3028, 0.3267



71.9237, 0.3092, 0.3200

Rectangle

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



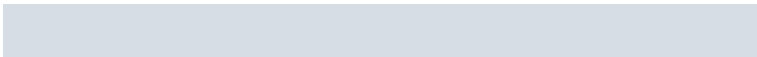
71.9237, 0.3228, 0.3312



71.9237, 0.3219, 0.3375



71.9237, 0.3028, 0.3267



71.9237, 0.3036, 0.3206

Sweetspot

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



71.9268, 0.3228, 0.3312



96.9232, 0.3159, 0.3297



71.5348, 0.3147, 0.3161



20.7778, 0.3157, 0.3297



0.0000, 0.0000, 0.0000



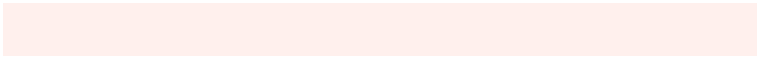
21.4041, 0.3127, 0.3290

Same Dimension

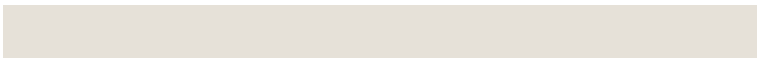
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.9268, 0.3228, 0.3312



89.5429, 0.3245, 0.3316



75.5602, 0.3222, 0.3385



15.1532, 0.3254, 0.3317



10.2530, 0.6263, 0.3409



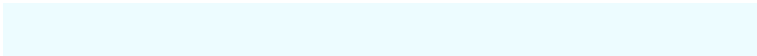
0.8637, 0.6023, 0.3600

Inverse Universe

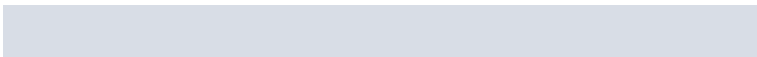
The Inverse Universe completely reimagines the original color for something new.



75.7888, 0.3033, 0.3268



95.1370, 0.3018, 0.3264



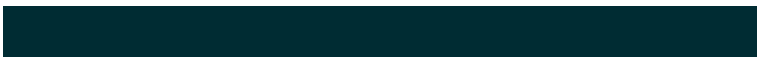
72.0879, 0.3034, 0.3193



16.1752, 0.3010, 0.3262



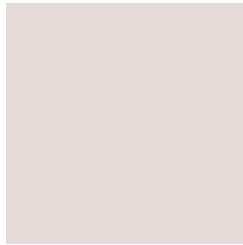
25.9281, 0.2119, 0.2827



2.0134, 0.2139, 0.2901

Previews

White Background



This preview shows how the Yxy color 71.9237, 0.3228, 0.3312 looks on a white background.

Color Contrast Check

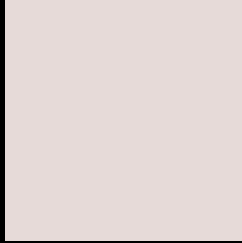
Large Text (above 18pt) WCAG AA × Fail

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 71.9237, 0.3228, 0.3312 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

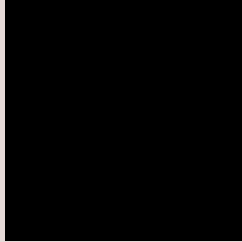
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

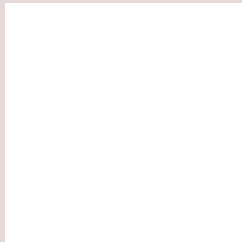
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.9237, 0.3228, 0.3312

Background



This preview shows how black text looks on a background with the Yxy color 71.9237, 0.3228, 0.3312.

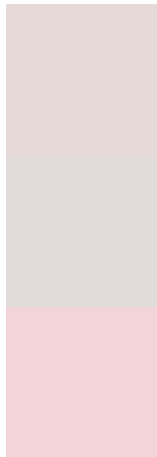


This preview shows how white text looks on a background with the Yxy color 71.9237, 0.3228, 0.3312.

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

71.9237, 0.3228, 0.3312

Protanopia

72.2037, 0.3183, 0.3323

Deuteranopia

71.6529, 0.3323, 0.3249



Tritanopia

71.5829, 0.3136, 0.3111

Trichromacy



Original Color

71.9237, 0.3228, 0.3312

Protanomaly

72.0037, 0.3198, 0.3312

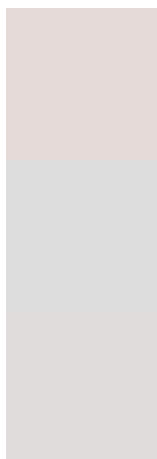
Deuteranomaly

71.7878, 0.3283, 0.3269

Tritanomaly

71.5916, 0.3168, 0.3184

Monochromacy



Original Color

71.9237, 0.3228, 0.3312

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.1482, 0.3162, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.9237, 0.3228, 0.3312 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(230, 218, 216) looks like.

```
.text, #text, p{  
    color:rgb(230, 218, 216)  
}
```

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(230, 218, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 218, 216) }
```

Border

The CSS property to change the border of an element to Yxy 71.9237, 0.3228, 0.3312 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(230, 218, 216) }
```

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

```
.border{ border-color:rgb(230, 218, 216) }
```

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

Here you see how a box with a 4 pixel rgb(230, 218, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 218, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 218, 216);  
box-shadow:4px 4px 4px 4px rgb(230, 218,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 71.9237, 0.3228, 0.3312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 218, 216) }
```

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

```
.background{ background-color: rgb(230,  
218, 216) }
```

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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