

Converting Colors

$Yxy(71.2202, 0.3226, 0.3334)$

Have a look what the booklet for
Yxy(71.2202, 0.3226, 0.3334)
contains.

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Color

Yxy(71.4918, 0.3227, 0.3333)

Conversions

Conversions Part 1

Format	Color
Hex	E4DAD6
RGB	228, 218, 214
RGB Percent	89%, 85%, 84%
CMY	0.1057, 0.1451, 0.1607
CMYK	0.00, 0.04, 0.06, 0.11
HSL	17°, 21%, 87%
HSV	17°, 6%, 89%
XYZ	69.2181, 71.4918, 73.7869
YIQ	220.5340, 7.2440, 0.8760

Conversions

Conversions Part 2

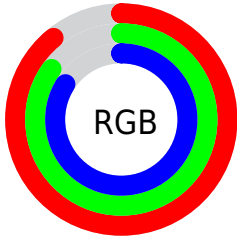
Format	Color
R _Y B	228, 220, 214
Decimal	14998230
CIE Lab	87.72, 2.76, 3.16
CIE LCh	88, 4.198, 48.852
Yxy	71.4918, 0.3227, 0.3333
Android (android.graphics.Color)	4293188310 (0xFFE4DAD6)
YUV	220.5340, -3.2213, 6.5477
Hunter-Lab	84.5528, -1.8406, 7.4462

Details

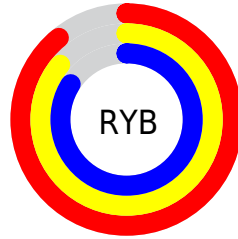
The Yxy color **71.4918, 0.3227, 0.3333** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.2646, 0.3032, 0.3247**, and the grayscale version is **71.9889, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.5818, 0.3258, 0.3347** is the 20% darker color. If you saturate the color by 10%, you get **62.3375, 0.3414, 0.3407**, and if you desaturate by 10%, it is **81.6535, 0.3070, 0.3264**.

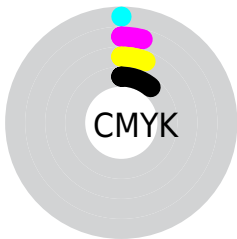
Distribution



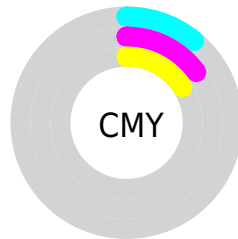
- Red (89%)
- Green (85%)
- Blue (84%)



- Red (89%)
- Yellow (86%)
- Blue (84%)



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




- Cyan (11%)
- Magenta (15%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.4918, 0.3227, 0.3333 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 71.4918, 0.3227, 0.3333 by changing the saturation by 10% instead.

 71.4918, 0.3227,
0.3333

 71.4918, 0.3227,
0.3333


465.7708, 0.3181,
0.3313

 52.7436, 0.3238,
0.3337

121.3337, 0.3211,
0.3326

 37.5982, 0.3251,
0.3343


153.1963, 0.3205,
0.3324

 25.6710, 0.3268,
0.3350


190.1991, 0.3199,
0.3321

 16.5776, 0.3290,
0.3359

232.7266, 0.3194,
0.3319

 9.9338, 0.3321,
0.3372

281.1631, 0.3190,
0.3317

 5.3551, 0.3365,
0.3389

335.8930, 0.3187,

 2.4571, 0.3437,

0.3316

0.3417

397.3008, 0.3183,
0.3315

0.8550, 0.3601,
0.3496

0.0000, 0.0000,
0.0000

71.4918, 0.3227,
0.3333

71.4918, 0.3227,
0.3333

62.3375, 0.3414,
0.3407

81.6535, 0.3070,
0.3264

54.1504, 0.3637,
0.3485

92.5406, 0.2964,
0.3247

46.9010, 0.3900,
0.3563

95.2422, 0.2964,
0.3290

40.5550, 0.4206,
0.3638

■ 35.0759, 0.4552,
0.3701

■ 30.4246, 0.4927,
0.3743

■ 26.5585, 0.5306,
0.3750

■ 23.4311, 0.5655,
0.3714

■ 20.9898, 0.5935,
0.3633

Harmonies

Analogous

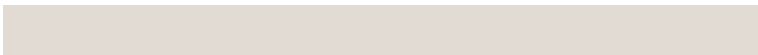
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.4918, 0.3210, 0.3289



71.4918, 0.3227, 0.3333



71.4918, 0.3217, 0.3366

Triad

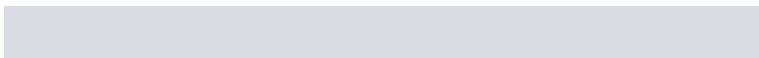
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.4918, 0.3227, 0.3333



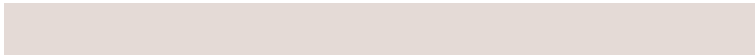
71.4918, 0.3083, 0.3335



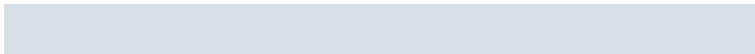
71.4918, 0.3072, 0.3203

Complementary

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



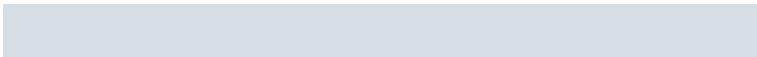
71.4918, 0.3227, 0.3333



73.2646, 0.3032, 0.3247

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.



71.4918, 0.3038, 0.3214



71.4918, 0.3227, 0.3333



71.4918, 0.3045, 0.3290

Square

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



71.4918, 0.3227, 0.3333



71.4918, 0.3133, 0.3367



71.4918, 0.3029, 0.3246



71.4918, 0.3121, 0.3215

Rectangle

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



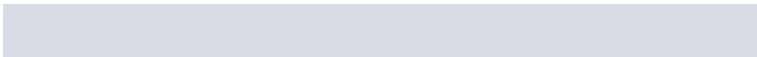
71.4918, 0.3227, 0.3333



71.4918, 0.3196, 0.3377



71.4918, 0.3029, 0.3246



71.4918, 0.3059, 0.3204

Sweetspot

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



71.4949, 0.3227, 0.3333



97.3629, 0.3159, 0.3304



70.0081, 0.3160, 0.3180



20.8674, 0.3157, 0.3303



0.0000, 0.0000, 0.0000



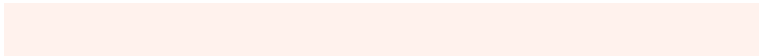
21.4041, 0.3127, 0.3290

Same Dimension

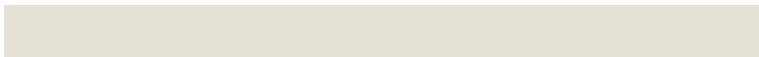
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.4949, 0.3227, 0.3333



91.0009, 0.3242, 0.3339



75.0893, 0.3221, 0.3406



15.4190, 0.3252, 0.3343



11.8402, 0.6000, 0.3618



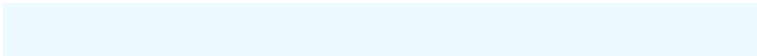
1.0288, 0.5712, 0.3847

Inverse Universe

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



73.2646, 0.3032, 0.3247



93.5964, 0.3019, 0.3240



69.6848, 0.3033, 0.3172



15.8931, 0.3010, 0.3236



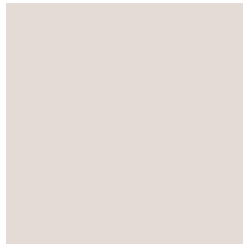
18.6977, 0.1985, 0.2347



1.5373, 0.2028, 0.2501

Previews

White Background



This preview shows how the Yxy color 71.4918, 0.3227, 0.3333 looks on a white background.

Color Contrast Check

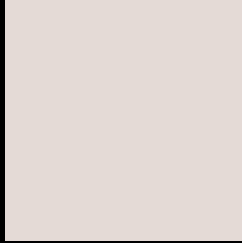
Large Text (above 18pt) WCAG AA × Fail

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 71.4918, 0.3227, 0.3333 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

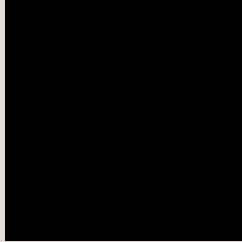
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

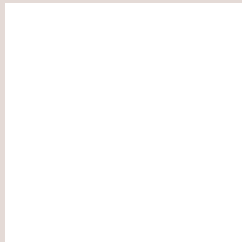
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.4918, 0.3227, 0.3333

Background



This preview shows how black text looks on a background with the Yxy color 71.4918, 0.3227, 0.3333.

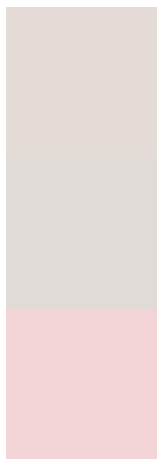


This preview shows how white text looks on a background with the Yxy color 71.4918, 0.3227, 0.3333.

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

71.4918, 0.3227, 0.3333

Protanopia

71.5769, 0.3197, 0.3334

Deuteranopia

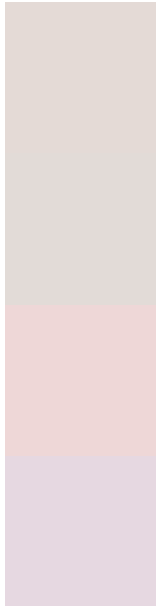
71.5495, 0.3337, 0.3270



Tritanopia

71.4160, 0.3128, 0.3111

Trichromacy



Original Color

71.4918, 0.3227, 0.3333

Protanomaly

71.7381, 0.3204, 0.3334

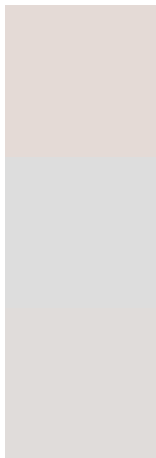
Deuteranomaly

71.6843, 0.3297, 0.3291

Tritanomaly

71.3710, 0.3168, 0.3194

Monochromacy



Original Color

71.4918, 0.3227, 0.3333

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.0956, 0.3169, 0.3312

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.4918, 0.3227, 0.3333 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, 218, 214)` looks like.

```
.text, #text, p{  
    color:rgb(228, 218, 214)  
}
```

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, 218, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 218, 214) }
```

Border

The CSS property to change the border of an element to Yxy 71.4918, 0.3227, 0.3333 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, 218, 214) }
```

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

```
.border{ border-color:rgb(228, 218, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 218, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 218, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 218, 214);  
box-shadow:4px 4px 4px 4px rgb(228, 218,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 71.4918, 0.3227, 0.3333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 218, 214) }
```

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

```
.background{ background-color: rgb(228,  
218, 214) }
```

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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