

Converting Colors

$Y_{xy}(75.1207, 0.3220, 0.3422)$

Have a look what the booklet for
Yxy(75.1207, 0.3220, 0.3422)
contains.

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Color

Yxy(74.9854, 0.3220, 0.3419)

Conversions

Conversions Part 1

Format	Color
Hex	E3E1D5
RGB	227, 225, 213
RGB Percent	89%, 88%, 84%
CMY	0.1097, 0.1177, 0.1646
CMYK	0.00, 0.01, 0.06, 0.11
HSL	51°, 20%, 86%
HSV	51°, 6%, 89%
XYZ	70.6209, 74.9854, 73.7133
YIQ	224.2300, 5.0440, -3.3080

Conversions

Conversions Part 2

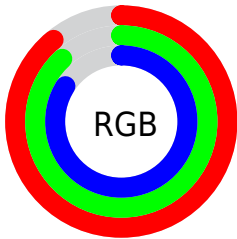
Format	Color
R _Y B	215, 227, 213
Decimal	14934485
CIE Lab	89.39, -1.39, 6.09
CIE LCh	89, 6.242, 102.829
Yxy	74.9854, 0.3220, 0.3419
Android (android.graphics.Color)	4293124565 (0xFFE3E1D5)
YUV	224.2300, -5.5364, 2.4293
Hunter-Lab	86.5941, -5.9659, 10.1452

Details

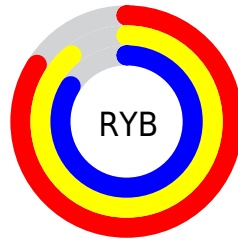
The Yxy color **74.9854, 0.3220, 0.3419** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.3199, 0.3033, 0.3158**, and the grayscale version is **74.7566, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.9887, 0.3248, 0.3458** is the 20% darker color. If you saturate the color by 10%, you get **72.1562, 0.3378, 0.3635**, and if you desaturate by 10%, it is **78.0167, 0.3072, 0.3212**.

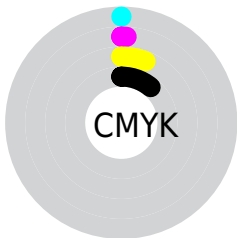
Distribution



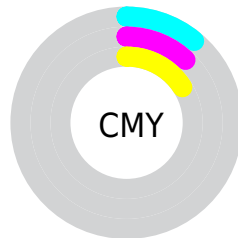
- Red (89%)
- Green (88%)
- Blue (84%)



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



- Cyan (0%)
- Magenta (1%)
- Yellow (6%)
- Black (11%)



- Cyan (11%)
- Magenta (12%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.9854, 0.3220, 0.3419 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 74.9854, 0.3220, 0.3419 by changing the saturation by 10% instead.

■ 74.9854, 0.3220,
0.3419

■ 74.9854, 0.3220,
0.3419

477.8674, 0.3177,
0.3359

■ 55.6009, 0.3230,
0.3433

126.2917, 0.3205,
0.3398

■ 39.8831, 0.3242,
0.3449

158.9823, 0.3199,
0.3390

■ 27.4474, 0.3257,
0.3471

196.8771, 0.3195,
0.3383

■ 17.9095, 0.3276,
0.3499

240.3604, 0.3190,
0.3377

■ 10.8850, 0.3303,
0.3537

289.8168, 0.3186,
0.3372

■ 5.9896, 0.3341,
0.3591

345.6304, 0.3183,

■ 2.8387, 0.3401,

0.3367

408.1858, 0.3180,
0.3363

0.3678

1.0481, 0.3534,
0.3864

0.0000, 0.0000,
0.0000

74.9854, 0.3220,
0.3419

74.9854, 0.3220,
0.3419

72.1562, 0.3378,
0.3635

78.0167, 0.3072,
0.3212

69.5124, 0.3544,
0.3855

81.0244, 0.2954,
0.3051

67.0499, 0.3713,
0.4072

82.8865, 0.2955,
0.3085

64.7610, 0.3879,
0.4278

84.7833, 0.2955,
0.3119

62.6370, 0.4037,
0.4464

86.7150, 0.2956,
0.3152

60.6685, 0.4180,
0.4618

88.6818, 0.2956,
0.3186

58.8447, 0.4300,
0.4732

90.6839, 0.2957,
0.3219

57.1533, 0.4393,
0.4801

92.7214, 0.2958,
0.3252

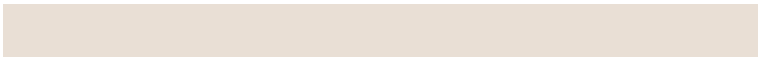
55.5787, 0.4457,
0.4825

94.7946, 0.2958,
0.3285

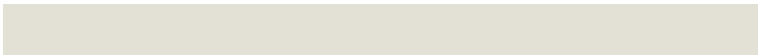
Harmonies

Analogous

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



74.9854, 0.3264, 0.3393



74.9854, 0.3220, 0.3419



74.9854, 0.3151, 0.3410

Triad

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



74.9854, 0.3220, 0.3419



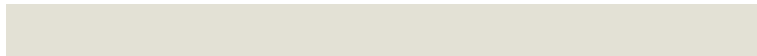
74.9854, 0.2985, 0.3237



74.9854, 0.3177, 0.3215

Complementary

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



74.9854, 0.3220, 0.3419



68.3199, 0.3033, 0.3158

Split Complementary

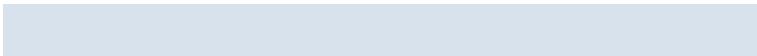
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.9854, 0.3102, 0.3174



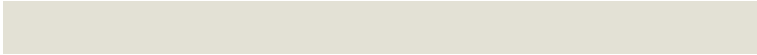
74.9854, 0.3220, 0.3419



74.9854, 0.2992, 0.3186

Square

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



74.9854, 0.3220, 0.3419



74.9854, 0.3016, 0.3304



74.9854, 0.3034, 0.3163



74.9854, 0.3240, 0.3275

Rectangle

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



74.9854, 0.3220, 0.3419



74.9854, 0.3101, 0.3385



74.9854, 0.3034, 0.3163



74.9854, 0.3153, 0.3198

Sweetspot

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



74.9887, 0.3220, 0.3419



99.2059, 0.3157, 0.3332



68.8448, 0.3216, 0.3267



21.2425, 0.3156, 0.3330



0.0000, 0.0000, 0.0000



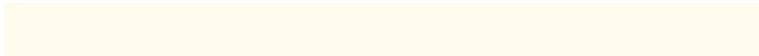
21.4041, 0.3127, 0.3290

Same Dimension

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



74.9887, 0.3220, 0.3419



97.2664, 0.3233, 0.3438



75.3049, 0.3184, 0.3442



16.5642, 0.3242, 0.3449



32.1997, 0.4473, 0.4831



2.4770, 0.4426, 0.4868

Inverse Universe

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



68.3199, 0.3033, 0.3158



87.4133, 0.3019, 0.3138



68.0382, 0.3068, 0.3137



14.7641, 0.3011, 0.3126



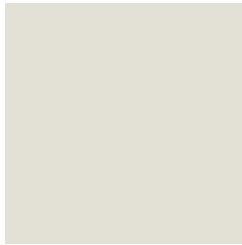
3.9656, 0.1533, 0.0719



0.3992, 0.1594, 0.0939

Previews

White Background



This preview shows how the Yxy color 74.9854, 0.3220, 0.3419 looks on a white background.

Color Contrast Check

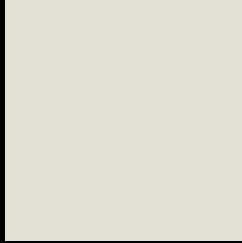
Large Text (above 18pt) WCAG AA × Fail

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 74.9854, 0.3220, 0.3419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

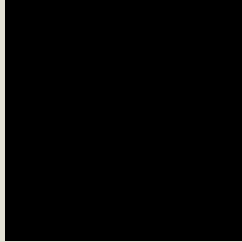
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

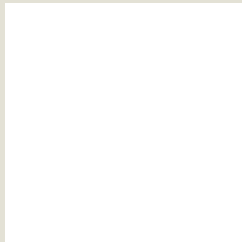
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.9854, 0.3220, 0.3419

Background



This preview shows how black text looks on a background with the Yxy color 74.9854, 0.3220, 0.3419.

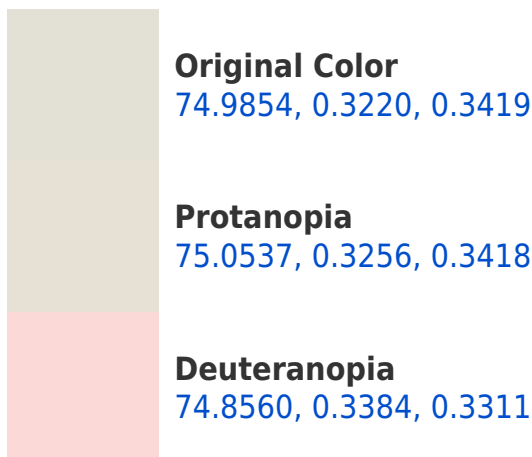


This preview shows how white text looks on a background with the Yxy color 74.9854, 0.3220, 0.3419.

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

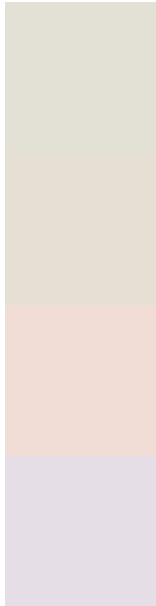




Tritanopia

74.9338, 0.3080, 0.3102

Trichromacy



Original Color

74.9854, 0.3220, 0.3419

Protanomaly

74.8878, 0.3249, 0.3419

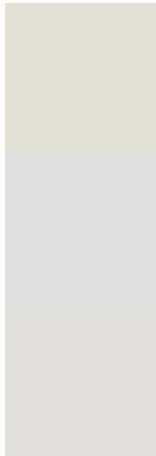
Deuteranomaly

74.9187, 0.3328, 0.3353

Tritanomaly

74.7787, 0.3131, 0.3206

Monochromacy



Original Color

74.9854, 0.3220, 0.3419

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.4862, 0.3160, 0.3333

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.9854, 0.3220, 0.3419 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(227, 225, 213)` looks like.

```
.text, #text, p{  
    color:rgb(227, 225, 213)  
}
```

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(227, 225, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 225, 213) }
```

Border

The CSS property to change the border of an element to Yxy 74.9854, 0.3220, 0.3419 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(227, 225, 213) }
```

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

```
.border{ border-color:rgb(227, 225, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 225, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 225, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 225, 213);  
box-shadow:4px 4px 4px 4px rgb(227, 225,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 74.9854, 0.3220, 0.3419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 225, 213) }
```

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

```
.background{ background-color: rgb(227,  
225, 213) }
```

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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