

Converting Colors

$Y_{xy}(71.3470, 0.3273, 0.3419)$

Have a look what the booklet for
Yxy(71.3470, 0.3273, 0.3419)
contains.

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Color

Yxy(71.6620, 0.3274, 0.3421)

Conversions

Conversions Part 1

Format	Color
Hex	E4DBC F
RGB	228, 219, 207
RGB Percent	89%, 86%, 81%
CMY	0.1059, 0.1411, 0.1883
CMYK	0.00, 0.04, 0.09, 0.11
HSL	34°, 28%, 85%
HSV	34°, 9%, 89%
XYZ	68.5827, 71.6620, 69.2321
YIQ	220.3230, 9.2160, -1.8240

Conversions

Conversions Part 2

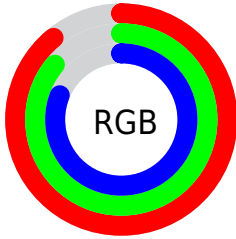
Format	Color
RYB	223, 228, 207
Decimal	14998479
CIELab	87.81, 1.03, 6.99
CIElCh	88, 7.070, 81.647
Yxy	71.6620, 0.3274, 0.3421
Android (android.graphics.Color)	4293188559 (0xFFE4DBCF)
YUV	220.3230, -6.5682, 6.7327
Hunter-Lab	84.6534, -3.5302, 10.7683

Details

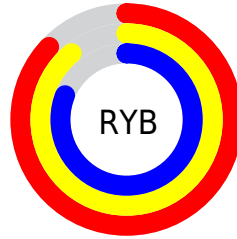
The Yxy color **71.6620, 0.3274, 0.3421** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.9476, 0.2985, 0.3155**, and the grayscale version is **71.8490, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.7351, 0.3311, 0.3446** is the 20% darker color. If you saturate the color by 10%, you get **65.6964, 0.3453, 0.3570**, and if you desaturate by 10%, it is **78.0921, 0.3115, 0.3279**.

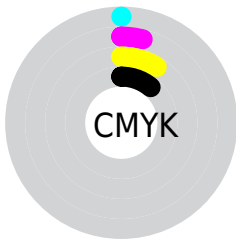
Distribution



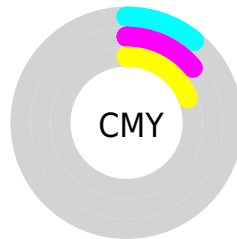
- Red (89%)
- Green (86%)
- Blue (81%)



- Red (87%)
- Yellow (89%)
- Blue (81%)



- Cyan (0%)
- Magenta (4%)
- Yellow (9%)
- Black (11%)



- Cyan (11%)
- Magenta (14%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.6620, 0.3274, 0.3421 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 71.6620, 0.3274, 0.3421 by changing the saturation by 10% instead.

■ 71.6620, 0.3274,
0.3421

■ 71.6620, 0.3274,
0.3421

466.3643, 0.3206,
0.3360

■ 52.8826, 0.3290,
0.3435

121.5759, 0.3250,
0.3400

■ 37.7091, 0.3309,
0.3452

153.4791, 0.3241,
0.3392

■ 25.7570, 0.3334,
0.3474

190.5258, 0.3233,
0.3385

■ 16.6419, 0.3366,
0.3502

233.1003, 0.3226,
0.3379

■ 9.9795, 0.3411,
0.3541

281.5870, 0.3220,
0.3373

■ 5.3854, 0.3476,
0.3598

336.3703, 0.3215,

■ 2.4751, 0.3578,

0.3368

0.3686

397.8346, 0.3210,
0.3364

0.8641, 0.3914,
0.3996

0.0000, 0.0000,
0.0000

71.6620, 0.3274,
0.3421

71.6620, 0.3274,
0.3421

65.6964, 0.3453,
0.3570

78.0921, 0.3115,
0.3279

60.1739, 0.3652,
0.3724

84.9886, 0.2976,
0.3147

55.0853, 0.3871,
0.3877

90.9832, 0.2963,
0.3222

50.4171, 0.4105,
0.4022

95.2316, 0.2964,
0.3290

■ 46.1552, 0.4350,
0.4148

■ 42.2842, 0.4594,
0.4244

■ 38.7874, 0.4825,
0.4297

■ 35.6455, 0.5029,
0.4298

■ 32.8317, 0.5198,
0.4249

Harmonies

Analogous

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



71.6620, 0.3296, 0.3368



71.6620, 0.3274, 0.3421



71.6620, 0.3213, 0.3440

Triad

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



71.6620, 0.3274, 0.3421



71.6620, 0.2985, 0.3283



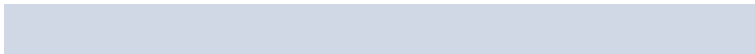
71.6620, 0.3124, 0.3167

Complementary

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



71.6620, 0.3274, 0.3421



67.9476, 0.2985, 0.3155

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.



71.6620, 0.3041, 0.3144



71.6620, 0.3274, 0.3421



71.6620, 0.2961, 0.3209

Square

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



71.6620, 0.3274, 0.3421



71.6620, 0.3046, 0.3359



71.6620, 0.2982, 0.3159



71.6620, 0.3209, 0.3222

Rectangle

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



71.6620, 0.3274, 0.3421



71.6620, 0.3158, 0.3429



71.6620, 0.2982, 0.3159



71.6620, 0.3095, 0.3156

Sweetspot

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



71.6651, 0.3274, 0.3421



97.4502, 0.3173, 0.3332



66.0673, 0.3222, 0.3191



20.7145, 0.3186, 0.3344



0.0000, 0.0000, 0.0000



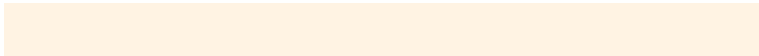
21.4041, 0.3127, 0.3290

Same Dimension

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



71.6651, 0.3274, 0.3421



90.9169, 0.3306, 0.3448



76.2461, 0.3254, 0.3517



15.7321, 0.3278, 0.3425



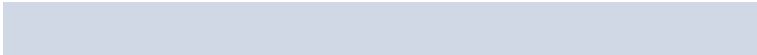
19.0799, 0.5192, 0.4260



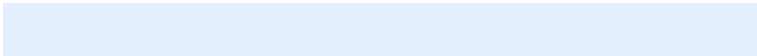
1.5933, 0.5006, 0.4407

Inverse Universe

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



67.9476, 0.2985, 0.3155



85.2343, 0.2955, 0.3127



63.6788, 0.2994, 0.3054



14.8941, 0.2981, 0.3152



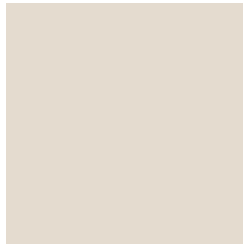
8.4353, 0.1708, 0.1348



0.8045, 0.1787, 0.1633

Previews

White Background



This preview shows how the Yxy color 71.6620, 0.3274, 0.3421 looks on a white background.

Color Contrast Check

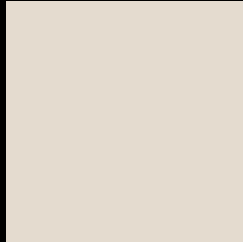
Large Text (above 18pt) WCAG AA × Fail

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 71.6620, 0.3274, 0.3421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

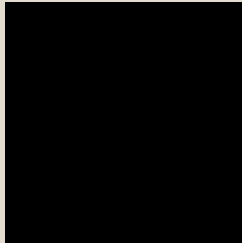
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

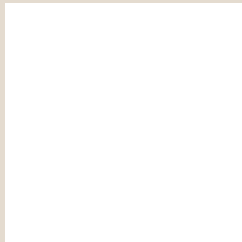
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.6620, 0.3274, 0.3421

Background



This preview shows how black text looks on a background with the Yxy color 71.6620, 0.3274, 0.3421.

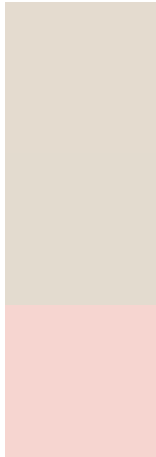


This preview shows how white text looks on a background with the Yxy color 71.6620, 0.3274, 0.3421.

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

71.6620, 0.3274, 0.3421

Protanopia

71.4989, 0.3267, 0.3421

Deuteranopia

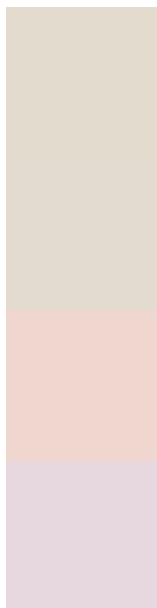
71.7354, 0.3411, 0.3343



Tritanopia

71.5829, 0.3136, 0.3111

Trichromacy



Original Color

71.6620, 0.3274, 0.3421

Protanomaly

71.4989, 0.3267, 0.3421

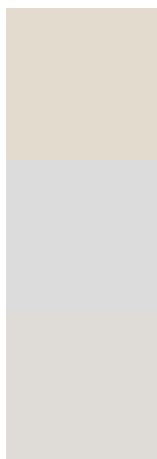
Deuteranomaly

71.5057, 0.3354, 0.3365

Tritanomaly

71.4284, 0.3189, 0.3216

Monochromacy



Original Color

71.6620, 0.3274, 0.3421

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.7807, 0.3182, 0.3345

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.6620, 0.3274, 0.3421 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, 219, 207)` looks like.

```
.text, #text, p{  
    color:rgb(228, 219, 207)  
}
```

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, 219, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 219, 207) }
```

Border

The CSS property to change the border of an element to Yxy 71.6620, 0.3274, 0.3421 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, 219, 207) }
```

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

```
.border{ border-color:rgb(228, 219, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 219, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 219, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 219, 207);  
box-shadow:4px 4px 4px 4px rgb(228, 219,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 71.6620, 0.3274, 0.3421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 219, 207) }
```

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

```
.background{ background-color: rgb(228,  
219, 207) }
```

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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