

Converting Colors

$Yxy(73.8696, 0.3244, 0.3387)$

Have a look what the booklet for
Yxy(73.8696, 0.3244, 0.3387)
contains.

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Color

Yxy(73.8696, 0.3244, 0.3387)

Conversions

Conversions Part 1

Format	Color
Hex	E6DED5
RGB	230, 222, 213
RGB Percent	90%, 87%, 84%
CMY	0.0983, 0.1293, 0.1647
CMYK	0.00, 0.03, 0.07, 0.10
HSL	32°, 25%, 87%
HSV	32°, 7%, 90%
XYZ	70.7508, 73.8696, 73.4770
YIQ	223.3660, 7.6570, -1.1030

Conversions

Conversions Part 2

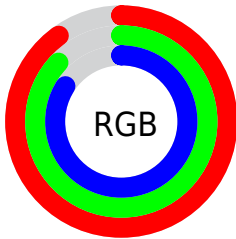
Format	Color
R_{YB}	228, 230, 213
Decimal	15130325
CIE Lab	88.86, 1.16, 5.37
CIE LCh	89, 5.492, 77.851
Yxy	73.8696, 0.3244, 0.3387
Android (android.graphics.Color)	4293320405 (0xFFE6DED5)
YUV	223.3660, -5.1104, 5.8180
Hunter-Lab	85.9474, -3.4691, 9.4758

Details

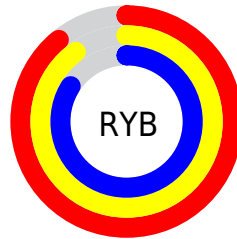
The Yxy color **73.8696, 0.3244, 0.3387** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.5258, 0.3014, 0.3191**, and the grayscale version is **74.0955, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.1047, 0.3271, 0.3416** is the 20% darker color. If you saturate the color by 10%, you get **67.2573, 0.3421, 0.3525**, and if you desaturate by 10%, it is **81.0180, 0.3088, 0.3257**.

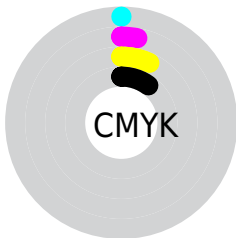
Distribution



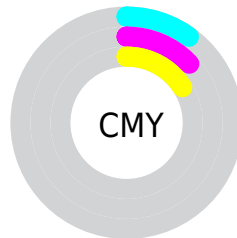
- Red (90%)
- Green (87%)
- Blue (84%)



- Red (89%)
- Yellow (90%)
- Blue (84%)



- Cyan (0%)
- Magenta (3%)
- Yellow (7%)
- Black (10%)



- Cyan (10%)
- Magenta (13%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.8696, 0.3244, 0.3387 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 73.8696, 0.3244, 0.3387 by changing the saturation by 10% instead.

■ 73.8696, 0.3244,
0.3387

■ 73.8696, 0.3244,
0.3387

474.0232, 0.3190,
0.3342

■ 54.6873, 0.3256,
0.3397

124.7109, 0.3225,
0.3372

■ 39.1514, 0.3272,
0.3410

157.1388, 0.3218,
0.3366

■ 26.8776, 0.3291,
0.3426

194.7506, 0.3212,
0.3360

■ 17.4813, 0.3316,
0.3446

237.9308, 0.3206,
0.3356

■ 10.5782, 0.3351,
0.3474

287.0638, 0.3201,
0.3352

■ 5.7840, 0.3401,
0.3515

342.5339, 0.3197,

■ 2.7142, 0.3480,

0.3348

0.3578

404.7256, 0.3193,
0.3345

0.9844, 0.3655,
0.3724

0.0000, 0.0000,
0.0000

73.8696, 0.3244,
0.3387

73.8696, 0.3244,
0.3387

67.2573, 0.3421,
0.3525

81.0180, 0.3088,
0.3257

61.1576, 0.3621,
0.3668

88.4463, 0.2974,
0.3174

55.5595, 0.3844,
0.3812

95.0872, 0.2975,
0.3282

50.4478, 0.4086,
0.3950

95.5539, 0.2975,
0.3290

■ 45.8064, 0.4344,
0.4071

■ 41.6180, 0.4607,
0.4165

■ 37.8638, 0.4861,
0.4218

■ 34.5225, 0.5091,
0.4220

■ 31.5685, 0.5283,
0.4168

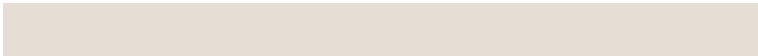
Harmonies

Analogous

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



73.8696, 0.3256, 0.3344



73.8696, 0.3244, 0.3387



73.8696, 0.3200, 0.3405

Triad

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



73.8696, 0.3244, 0.3387



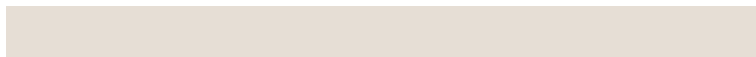
73.8696, 0.3022, 0.3292



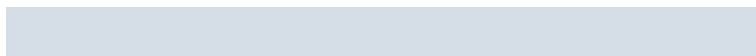
73.8696, 0.3116, 0.3192

Complementary

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



73.8696, 0.3244, 0.3387



71.5258, 0.3014, 0.3191

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.



73.8696, 0.3054, 0.3177



73.8696, 0.3244, 0.3387



73.8696, 0.3000, 0.3235

Square

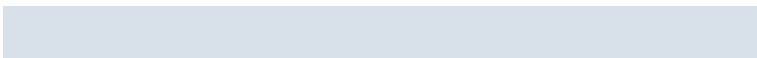
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.8696, 0.3244, 0.3387



73.8696, 0.3072, 0.3350



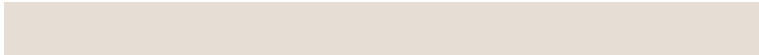
73.8696, 0.3012, 0.3193



73.8696, 0.3182, 0.3231

Rectangle

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



73.8696, 0.3244, 0.3387



73.8696, 0.3159, 0.3399



73.8696, 0.3012, 0.3193



73.8696, 0.3094, 0.3184

Sweetspot

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



73.8728, 0.3244, 0.3387



98.1643, 0.3158, 0.3316



69.6314, 0.3196, 0.3202



21.0305, 0.3156, 0.3315



0.0000, 0.0000, 0.0000



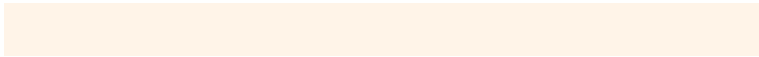
21.4041, 0.3127, 0.3290

Same Dimension

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



73.8728, 0.3244, 0.3387



91.9548, 0.3272, 0.3410



78.1342, 0.3234, 0.3470



15.6326, 0.3279, 0.3415



17.7207, 0.5308, 0.4167



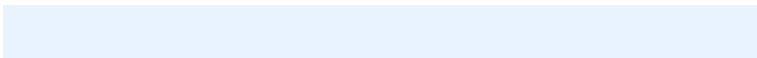
1.4951, 0.5101, 0.4331

Inverse Universe

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



71.5258, 0.3014, 0.3191



88.3520, 0.2987, 0.3167



67.4851, 0.3016, 0.3103



14.9922, 0.2981, 0.3162



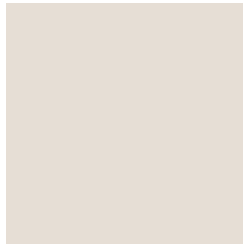
9.4874, 0.1743, 0.1475



0.8856, 0.1820, 0.1750

Previews

White Background



This preview shows how the Yxy color 73.8696, 0.3244, 0.3387 looks on a white background.

Color Contrast Check

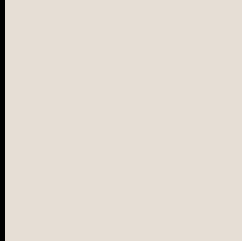
Large Text (above 18pt) WCAG AA × Fail

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 73.8696, 0.3244, 0.3387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

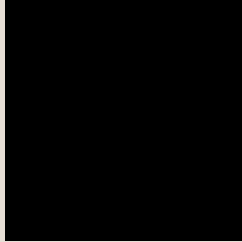
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

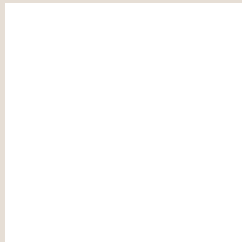
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.8696, 0.3244, 0.3387

Background



This preview shows how black text looks on a background with the Yxy color 73.8696, 0.3244, 0.3387.

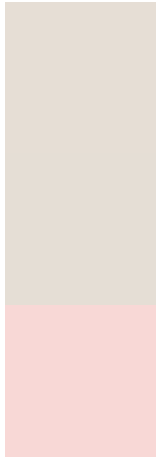


This preview shows how white text looks on a background with the Yxy color 73.8696, 0.3244, 0.3387.

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

73.8696, 0.3244, 0.3387

Protanopia

73.7047, 0.3237, 0.3387

Deuteranopia

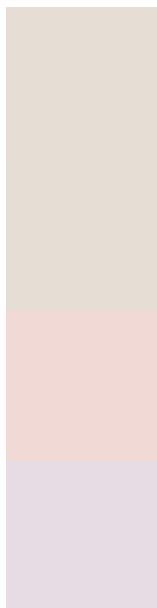
73.9232, 0.3378, 0.3311



Tritanopia

74.0428, 0.3114, 0.3113

Trichromacy



Original Color

73.8696, 0.3244, 0.3387

Protanomaly

73.7047, 0.3237, 0.3387

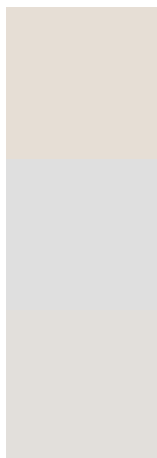
Deuteranomaly

73.6986, 0.3323, 0.3332

Tritanomaly

73.9436, 0.3160, 0.3206

Monochromacy



Original Color

73.8696, 0.3244, 0.3387

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

74.0586, 0.3175, 0.3333

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.8696, 0.3244, 0.3387 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, 222, 213)` looks like.

```
.text, #text, p{  
    color:rgb(230, 222, 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(230, 222, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 222, 213) }
```

Border

The CSS property to change the border of an element to Yxy 73.8696, 0.3244, 0.3387 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, 222, 213) }
```

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

```
.border{ border-color:rgb(230, 222, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 222, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 222, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 222, 213);  
box-shadow:4px 4px 4px 4px rgb(230, 222,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 73.8696, 0.3244, 0.3387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 222, 213) }
```

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

```
.background{ background-color: rgb(230,  
222, 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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