

Converting Colors

$Yxy(73.6674, 0.3272, 0.3315)$

Have a look what the booklet for
Yxy(73.6674, 0.3272, 0.3315)
contains.

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Color

Yxy(73.6773, 0.3271, 0.3312)

Conversions

Conversions Part 1

Format	Color
Hex	EDDBD9
RGB	237, 219, 217
RGB Percent	93%, 86%, 85%
CMY	0.0708, 0.1411, 0.1491
CMYK	0.00, 0.08, 0.08, 0.07
HSL	6°, 36%, 89%
HSV	6°, 8%, 93%
XYZ	72.7652, 73.6773, 76.0131
YIQ	224.1540, 11.3700, 3.1940

Conversions

Conversions Part 2

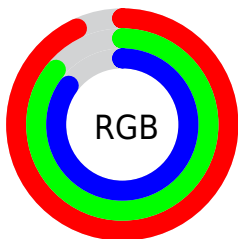
Format	Color
R _Y B	237, 219, 217
Decimal	15588313
CIE Lab	88.77, 5.81, 3.22
CIE LCh	89, 6.640, 28.971
Yxy	73.6773, 0.3271, 0.3312
Android (android.graphics.Color)	4293778393 (0xFFEDDBD9)
YUV	224.1540, -3.5269, 11.2659
Hunter-Lab	85.8355, 1.1075, 7.5796

Details

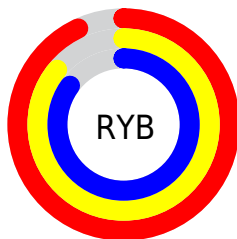
The Yxy color **73.6773, 0.3271, 0.3312** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **80.2175, 0.2997, 0.3268**, and the grayscale version is **74.6735, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.9833, 0.3307, 0.3318** is the 20% darker color. If you saturate the color by 10%, you get **62.1388, 0.3478, 0.3340**, and if you desaturate by 10%, it is **86.8163, 0.3103, 0.3286**.

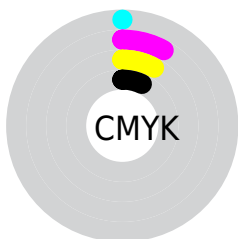
Distribution



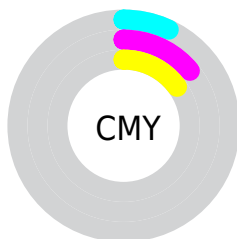
- Red (93%)
- Green (86%)
- Blue (85%)



- Red (93%)
- Yellow (86%)
- Blue (85%)



- Cyan (0%)
- Magenta (8%)
- Yellow (8%)
- Black (7%)




- Cyan (7%)
- Magenta (14%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.6773, 0.3271, 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 73.6773, 0.3271, 0.3312 by changing the saturation by 10% instead.


 73.6773, 0.3271,
0.3312

 73.6773, 0.3271,
0.3312


473.3589, 0.3204,
0.3302

 54.5300, 0.3286,
0.3314

124.4383, 0.3248,
0.3309

 39.0255, 0.3305,
0.3317


156.8207, 0.3239,
0.3307

 26.7796, 0.3329,
0.3320

194.3835, 0.3231,
0.3306

 17.4077, 0.3361,
0.3324

237.5113, 0.3224,
0.3305

 10.5256, 0.3404,
0.3329

286.5883, 0.3218,
0.3304

 5.7488, 0.3466,
0.3336

341.9990, 0.3213,

 2.6930, 0.3565,

0.3304

0.3347

404.1277, 0.3209,
0.3303

0.9736, 0.3753,
0.3368

0.0000, 1.0000,
0.0000

73.6773, 0.3271,
0.3312

73.6773, 0.3271,
0.3312

62.1388, 0.3478,
0.3340

86.8163, 0.3103,
0.3286

52.1303, 0.3732,
0.3369

96.7358, 0.3017,
0.3290

43.5904, 0.4042,
0.3398

36.4500, 0.4411,
0.3424

■ 30.6342, 0.4834,
0.3443

■ 26.0613, 0.5287,
0.3449

■ 22.6403, 0.5724,
0.3437

■ 20.2677, 0.6081,
0.3404

■ 18.8189, 0.6306,
0.3359

Harmonies

Analogous

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



73.6773, 0.3220, 0.3243



73.6773, 0.3271, 0.3312



73.6773, 0.3283, 0.3377

Triad

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



73.6773, 0.3271, 0.3312



73.6773, 0.3109, 0.3398



73.6773, 0.3003, 0.3161

Complementary

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



73.6773, 0.3271, 0.3312



80.2175, 0.2997, 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.



73.6773, 0.2974, 0.3201



73.6773, 0.3271, 0.3312



73.6773, 0.3035, 0.3338

Square

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



73.6773, 0.3271, 0.3312



73.6773, 0.3189, 0.3428



73.6773, 0.2986, 0.3266



73.6773, 0.3065, 0.3156

Rectangle

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



73.6773, 0.3271, 0.3312



73.6773, 0.3267, 0.3409



73.6773, 0.2986, 0.3266



73.6773, 0.2989, 0.3171

Sweetspot

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



73.6805, 0.3271, 0.3312



95.2152, 0.3176, 0.3298



73.6036, 0.3150, 0.3104



20.1126, 0.3189, 0.3300



0.0000, 0.0000, 0.0000



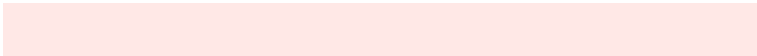
21.4041, 0.3127, 0.3290

Same Dimension

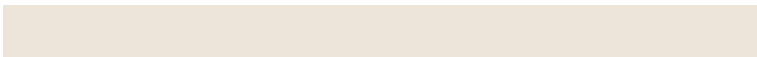
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.6805, 0.3271, 0.3312



84.7251, 0.3301, 0.3316



79.0202, 0.3261, 0.3415



15.3028, 0.3290, 0.3315



10.2818, 0.6317, 0.3366



0.8912, 0.6134, 0.3511

Inverse Universe

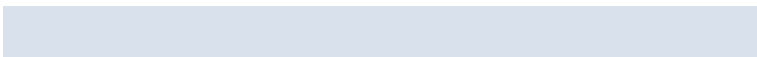
The Inverse Universe completely reimagines the original color for something new.



80.2175, 0.2997, 0.3268



93.8210, 0.2972, 0.3263



74.6903, 0.2997, 0.3161



16.8421, 0.2981, 0.3265



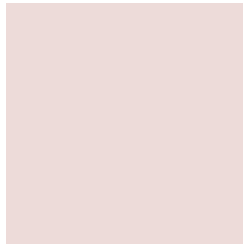
29.3407, 0.2157, 0.2965



2.3802, 0.2170, 0.3013

Previews

White Background



This preview shows how the Yxy color 73.6773, 0.3271, 0.3312 looks on a white background.

Color Contrast Check

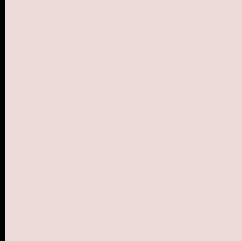
Large Text (above 18pt) WCAG AA × Fail

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 73.6773, 0.3271, 0.3312 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

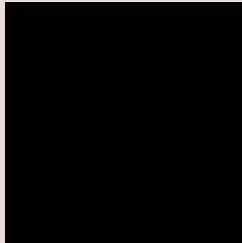
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

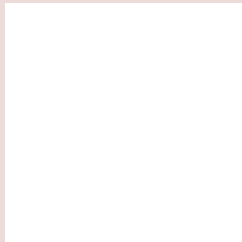
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.6773, 0.3271, 0.3312

Background



This preview shows how black text looks on a background with the Yxy color 73.6773, 0.3271, 0.3312.

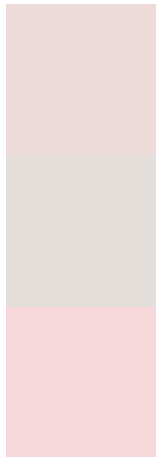


This preview shows how white text looks on a background with the Yxy color 73.6773, 0.3271, 0.3312.

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

73.6773, 0.3271, 0.3312

Protanopia

73.8510, 0.3190, 0.3322

Deuteranopia

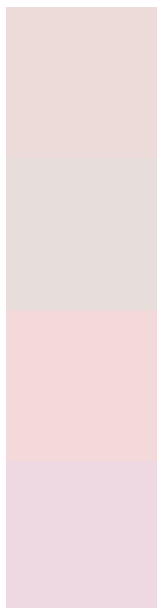
73.7665, 0.3334, 0.3270



Tritanopia

73.3456, 0.3179, 0.3114

Trichromacy



Original Color

73.6773, 0.3271, 0.3312

Protanomaly

73.7638, 0.3219, 0.3322

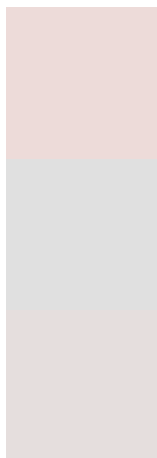
Deuteranomaly

73.7424, 0.3311, 0.3280

Tritanomaly

73.3489, 0.3212, 0.3186

Monochromacy



Original Color

73.6773, 0.3271, 0.3312

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.1210, 0.3183, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.6773, 0.3271, 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(237, 219, 217)` looks like.

```
.text, #text, p{  
    color:rgb(237, 219, 217)  
}
```

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(237, 219, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 219, 217) }
```

Border

The CSS property to change the border of an element to Yxy 73.6773, 0.3271, 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(237, 219, 217) }
```

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

```
.border{ border-color:rgb(237, 219, 217) }
```

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

Here you see how a box with a 4 pixel rgb(237, 219, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 219, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 219, 217);  
box-shadow:4px 4px 4px 4px rgb(237, 219,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 73.6773, 0.3271, 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(237, 219, 217) }
```

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

```
.background{ background-color: rgb(237,  
219, 217) }
```

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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