

Converting Colors

$Y_{xy}(73.5231, 0.3291, 0.3250)$

Have a look what the booklet for
Yxy(73.5231, 0.3291, 0.3250)
contains.

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Color

Yxy(73.3337, 0.3298, 0.3249)

Conversions

Conversions Part 1

Format	Color
Hex	F3D8DC
RGB	243, 216, 220
RGB Percent	95%, 85%, 86%
CMY	0.0470, 0.1529, 0.1373
CMYK	0.00, 0.11, 0.09, 0.05
HSL	351°, 53%, 90%
HSV	351°, 11%, 95%
XYZ	74.4397, 73.3337, 77.9382
YIQ	224.5290, 14.8080, 6.9680

Conversions

Conversions Part 2

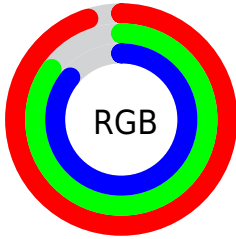
Format	Color
R _Y B	243, 216, 220
Decimal	15980764
CIE Lab	88.61, 9.99, 1.45
CIE LCh	89, 10.098, 8.252
Yxy	73.3337, 0.3298, 0.3249
Android (android.graphics.Color)	4294170844 (0xFFFF3D8DC)
YUV	224.5290, -2.2328, 16.1991
Hunter-Lab	85.6351, 5.3026, 5.9836

Details

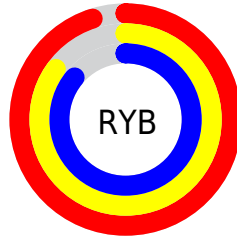
The Yxy color **73.3337, 0.3298, 0.3249** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **84.9433, 0.2979, 0.3331**, and the grayscale version is **74.9508, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.7711, 0.3342, 0.3237** is the 20% darker color. If you saturate the color by 10%, you get **60.7619, 0.3491, 0.3210**, and if you desaturate by 10%, it is **87.8893, 0.3143, 0.3286**.

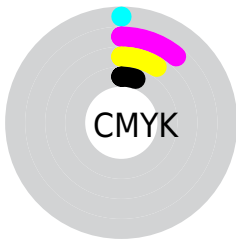
Distribution



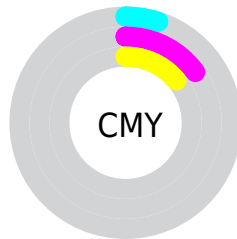
- Red (95%)
- Green (85%)
- Blue (86%)



- Red (95%)
- Yellow (85%)
- Blue (86%)



- Cyan (0%)
- Magenta (11%)
- Yellow (9%)
- Black (5%)





- Cyan (5%)
- Magenta (15%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.3337, 0.3298, 0.3249 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 73.3337, 0.3298, 0.3249 by changing the saturation by 10% instead.

 73.3337, 0.3298,
0.3249

 73.3337, 0.3298,
0.3249

472.1705, 0.3219,
0.3268

 54.2489, 0.3316,
0.3245


123.9508, 0.3270,
0.3256

 38.8007, 0.3339,
0.3239


156.2519, 0.3260,
0.3258

 26.6047, 0.3367,
0.3232


193.7272, 0.3251,
0.3261

 17.2766, 0.3404,
0.3222

236.7611, 0.3243,
0.3263

 10.4319, 0.3455,
0.3209

285.7380, 0.3236,
0.3264

 5.6862, 0.3530,
0.3190

341.0422, 0.3229,

 2.6552, 0.3647,

0.3266

0.3159

403.0583, 0.3224,
0.3267

■ 0.9545, 0.3860,
0.3100

■ 0.0000, 1.0000,
0.0000

■ 73.3337, 0.3298,
0.3249

■ 73.3337, 0.3298,
0.3249

■ 60.7619, 0.3491,
0.3210

■ 87.8893, 0.3143,
0.3286

■ 50.0787, 0.3731,
0.3169

■ 97.7976, 0.3054,
0.3290

■ 41.1957, 0.4024,
0.3130

■ 34.0133, 0.4376,
0.3097

■ 28.4226, 0.4781,
0.3075

■ 24.3019, 0.5218,
0.3073

■ 21.5116, 0.5644,
0.3096

■ 19.8853, 0.6002,
0.3148

■ 19.1846, 0.6227,
0.3204

Harmonies

Analogous

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



73.3337, 0.3190, 0.3156



73.3337, 0.3298, 0.3249



73.3337, 0.3360, 0.3355

Triad

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



73.3337, 0.3298, 0.3249



73.3337, 0.3184, 0.3493



73.3337, 0.2902, 0.3130

Complementary

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



73.3337, 0.3298, 0.3249



84.9433, 0.2979, 0.3331

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.



73.3337, 0.2900, 0.3218



73.3337, 0.3298, 0.3249



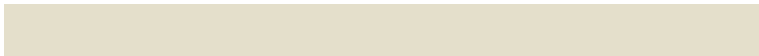
73.3337, 0.3062, 0.3431

Square

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



73.3337, 0.3298, 0.3249



73.3337, 0.3293, 0.3498



73.3337, 0.2958, 0.3329



73.3337, 0.2962, 0.3087

Rectangle

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



73.3337, 0.3298, 0.3249



73.3337, 0.3366, 0.3419



73.3337, 0.2958, 0.3329



73.3337, 0.2894, 0.3155

Sweetspot

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



73.3369, 0.3298, 0.3249



94.8030, 0.3169, 0.3279



73.9287, 0.3111, 0.3014



20.0019, 0.3181, 0.3276



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

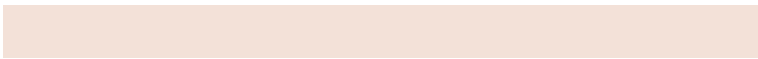
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.3369, 0.3298, 0.3249



78.9553, 0.3332, 0.3242



78.1130, 0.3314, 0.3388



16.5224, 0.3270, 0.3255



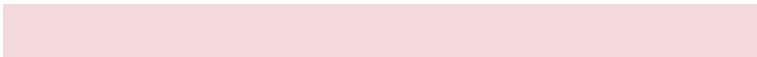
10.5395, 0.6199, 0.3189



0.9382, 0.5900, 0.3024

Inverse Universe

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



73.3369, 0.3298, 0.3249



78.9553, 0.3332, 0.3242



79.6671, 0.2955, 0.3190



16.5224, 0.3270, 0.3255



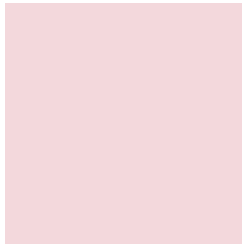
10.5395, 0.6199, 0.3189



0.9382, 0.5900, 0.3024

Previews

White Background



This preview shows how the Yxy color 73.3337, 0.3298, 0.3249 looks on a white background.

Color Contrast Check

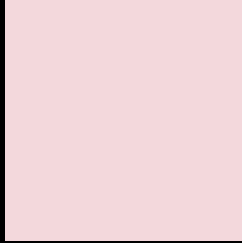
Large Text (above 18pt) WCAG AA × Fail

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 73.3337, 0.3298, 0.3249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

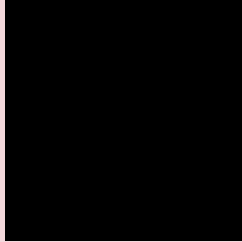
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.3337, 0.3298, 0.3249

Background



This preview shows how black text looks on a background with the Yxy color 73.3337, 0.3298, 0.3249.



This preview shows how white text looks on a background with the Yxy color 73.3337, 0.3298, 0.3249.

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

73.3337, 0.3298, 0.3249

Protanopia

73.2094, 0.3149, 0.3269

Deuteranopia

73.1807, 0.3314, 0.3239



Tritanopia

73.2751, 0.3238, 0.3116

Trichromacy



Original Color

73.3337, 0.3298, 0.3249

Protanomaly

73.0928, 0.3201, 0.3258

Deuteranomaly

73.0013, 0.3306, 0.3239

Tritanomaly

73.3800, 0.3257, 0.3167

Monochromacy



Original Color

73.3337, 0.3298, 0.3249

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

74.7261, 0.3192, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.3337, 0.3298, 0.3249 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(243, 216, 220)` looks like.

```
.text, #text, p{  
    color:rgb(243, 216, 220)  
}
```

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(243, 216, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 216, 220) }
```

Border

The CSS property to change the border of an element to Yxy 73.3337, 0.3298, 0.3249 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(243, 216, 220) }
```

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

```
.border{ border-color:rgb(243, 216, 220) }
```

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

Here you see how a box with a 4 pixel rgb(243, 216, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 216, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 216, 220);  
box-shadow:4px 4px 4px 4px rgb(243, 216,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 73.3337, 0.3298, 0.3249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 216, 220) }
```

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

```
.background{ background-color: rgb(243,  
216, 220) }
```

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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