

Converting Colors

$Y_{xy}(73.4633, 0.3229, 0.3197)$

Have a look what the booklet for
Yxy(73.4633, 0.3229, 0.3197)
contains.

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Color

Yxy(73.4674, 0.3226, 0.3197)

Conversions

Conversions Part 1

Format	Color
Hex	EFD9E2
RGB	239, 217, 226
RGB Percent	94%, 85%, 89%
CMY	0.0627, 0.1490, 0.1139
CMYK	0.00, 0.09, 0.05, 0.06
HSL	336°, 41%, 89%
HSV	336°, 9%, 94%
XYZ	74.1338, 73.4674, 82.1998
YIQ	224.6040, 10.2230, 7.4630

Conversions

Conversions Part 2

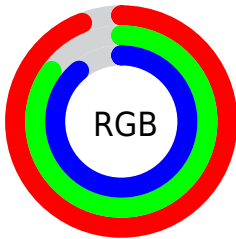
Format	Color
R _Y B	239, 217, 226
Decimal	15718882
CIE Lab	88.67, 9.09, -1.64
CIE LCh	89, 9.235, 349.745
Yxy	73.4674, 0.3226, 0.3197
Android (android.graphics.Color)	4293908962 (0xFFEFD9E2)
YUV	224.6040, 0.6882, 12.6253
Hunter-Lab	85.7131, 4.3878, 3.1394

Details

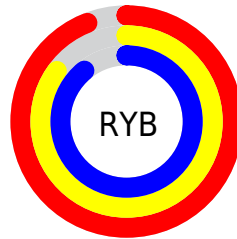
The Yxy color **73.4674, 0.3226, 0.3197** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **82.2042, 0.3038, 0.3385**, and the grayscale version is **74.9865, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.8482, 0.3247, 0.3169** is the 20% darker color. If you saturate the color by 10%, you get **61.2825, 0.3356, 0.3090**, and if you desaturate by 10%, it is **87.5072, 0.3119, 0.3298**.

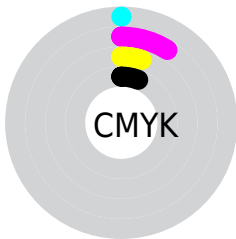
Distribution



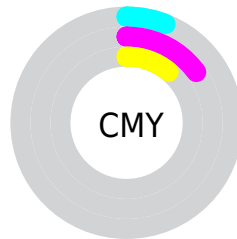
- Red (94%)
- Green (85%)
- Blue (89%)



- Red (94%)
- Yellow (85%)
- Blue (89%)



- Cyan (0%)
- Magenta (9%)
- Yellow (5%)
- Black (6%)




- Cyan (6%)
- Magenta (15%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.4674, 0.3226, 0.3197 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 73.4674, 0.3226, 0.3197 by changing the saturation by 10% instead.


 73.4674, 0.3226,
0.3197

 73.4674, 0.3226,
0.3197

472.6331, 0.3180,
0.3240

 54.3582, 0.3236,
0.3187


124.1405, 0.3210,
0.3212

 38.8881, 0.3249,
0.3175


156.4733, 0.3204,
0.3218

 26.6727, 0.3265,
0.3160


193.9827, 0.3199,
0.3223

 17.3276, 0.3287,
0.3141

237.0531, 0.3194,
0.3227

 10.4683, 0.3315,
0.3114

286.0690, 0.3190,
0.3231

 5.7106, 0.3357,
0.3075

341.4147, 0.3187,

 2.6699, 0.3422,

0.3234

0.3016

403.4746, 0.3183,
0.3237

0.9619, 0.3538,
0.2911

0.0000, 1.0000,
0.0000

73.4674, 0.3226,
0.3197

73.4674, 0.3226,
0.3197

61.2825, 0.3356,
0.3090

87.5072, 0.3119,
0.3298

50.8650, 0.3513,
0.2980

97.0464, 0.3033,
0.3297

42.1346, 0.3703,
0.2870

97.0914, 0.3029,
0.3290

35.0011, 0.3927,
0.2767

■ 29.3658, 0.4186,
0.2681

■ 25.1187, 0.4474,
0.2624

■ 22.1347, 0.4780,
0.2609

■ 20.2657, 0.5084,
0.2647

■ 19.2835, 0.5366,
0.2734

Harmonies

Analogous

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



73.4674, 0.3115, 0.3129



73.4674, 0.3226, 0.3197



73.4674, 0.3311, 0.3290

Triad

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



73.4674, 0.3226, 0.3197



73.4674, 0.3244, 0.3485



73.4674, 0.2913, 0.3190

Complementary

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



73.4674, 0.3226, 0.3197



82.2042, 0.3038, 0.3385

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.



73.4674, 0.2947, 0.3286



73.4674, 0.3226, 0.3197



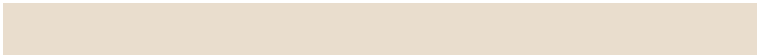
73.4674, 0.3136, 0.3459

Square

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



73.4674, 0.3226, 0.3197



73.4674, 0.3321, 0.3456



73.4674, 0.3028, 0.3386



73.4674, 0.2936, 0.3123

Rectangle

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



73.4674, 0.3226, 0.3197



73.4674, 0.3341, 0.3354



73.4674, 0.3028, 0.3386



73.4674, 0.2918, 0.3220

Sweetspot

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



73.4706, 0.3226, 0.3197



94.9272, 0.3158, 0.3260



72.6587, 0.3073, 0.3060



20.0354, 0.3166, 0.3252



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

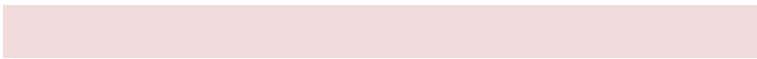
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.4706, 0.3226, 0.3197



82.3659, 0.3248, 0.3178



73.9419, 0.3286, 0.3310



15.8656, 0.3229, 0.3194



10.6460, 0.5347, 0.2719



0.9049, 0.5002, 0.2529

Inverse Universe

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



73.4706, 0.3226, 0.3197



82.3659, 0.3248, 0.3178



81.6528, 0.2985, 0.3270



15.8656, 0.3229, 0.3194



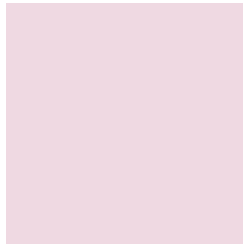
10.6460, 0.5347, 0.2719



0.9049, 0.5002, 0.2529

Previews

White Background



This preview shows how the Yxy color 73.4674, 0.3226, 0.3197 looks on a white background.

Color Contrast Check

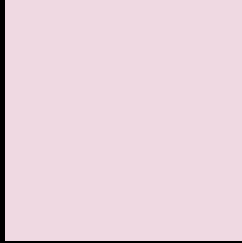
Large Text (above 18pt) WCAG AA × Fail

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 73.4674, 0.3226, 0.3197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

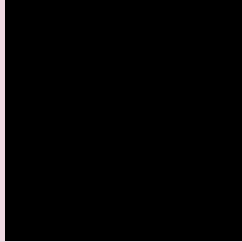
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.4674, 0.3226, 0.3197

Background



This preview shows how black text looks on a background with the Yxy color 73.4674, 0.3226, 0.3197.



This preview shows how white text looks on a background with the Yxy color 73.4674, 0.3226, 0.3197.

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

73.4674, 0.3226, 0.3197

Protanopia

73.3776, 0.3103, 0.3205

Deuteranopia

73.4800, 0.3249, 0.3187



Tritanopia

73.5202, 0.3186, 0.3115

Trichromacy



Original Color

73.4674, 0.3226, 0.3197

Protanomaly

73.6108, 0.3145, 0.3205

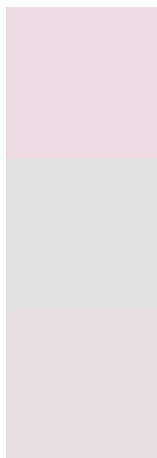
Deuteranomaly

73.3035, 0.3241, 0.3187

Tritanomaly

73.3502, 0.3206, 0.3145

Monochromacy



Original Color

73.4674, 0.3226, 0.3197

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

74.5018, 0.3164, 0.3258

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.4674, 0.3226, 0.3197 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(239, 217, 226)` looks like.

```
.text, #text, p{  
    color:rgb(239, 217, 226)  
}
```

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(239, 217, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 217, 226) }
```

Border

The CSS property to change the border of an element to Yxy 73.4674, 0.3226, 0.3197 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(239, 217, 226) }
```

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

```
.border{ border-color:rgb(239, 217, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 217, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 217, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 217, 226);  
box-shadow:4px 4px 4px 4px rgb(239, 217,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 73.4674, 0.3226, 0.3197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 217, 226) }
```

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

```
.background{ background-color: rgb(239,  
217, 226) }
```

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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