

Converting Colors

$Y_{xy}(74.9236, 0.3117, 0.3070)$

Have a look what the booklet for
Yxy(74.9236, 0.3117, 0.3070)
contains.

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Color

Yxy(74.9588, 0.3116, 0.3074)

Conversions

Conversions Part 1

Format	Color
Hex	EEDBF0
RGB	237, 219, 240
RGB Percent	93%, 86%, 94%
CMY	0.0706, 0.1411, 0.0588
CMYK	0.01, 0.09, 0.00, 0.06
HSL	291°, 41%, 90%
HSV	291°, 9%, 94%
XYZ	75.9830, 74.9588, 92.9060
YIQ	226.7760, 3.9870, 10.3470

Conversions

Conversions Part 2

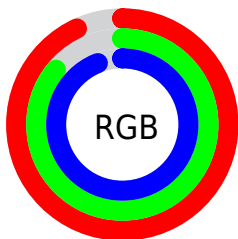
Format	Color
R _Y B	237, 219, 240
Decimal	15588336
CIE Lab	89.37, 9.85, -8.02
CIE LCh	89, 12.701, 320.859
Yxy	74.9588, 0.3116, 0.3074
Android (android.graphics.Color)	4293778416 (0xFFEDDBF0)
YUV	226.7760, 6.5194, 8.9664
Hunter-Lab	86.5788, 5.1418, -3.0178

Details

The Yxy color **74.9588, 0.3116, 0.3074** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **82.9723, 0.3137, 0.3513**, and the grayscale version is **76.5958, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.8354, 0.3112, 0.3025** is the 20% darker color. If you saturate the color by 10%, you get **62.7409, 0.3100, 0.2817**, and if you desaturate by 10%, it is **89.0000, 0.3129, 0.3320**.

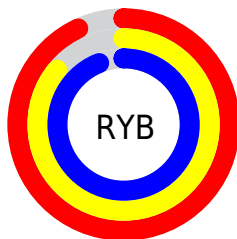
Distribution



Red (93%)

Green (86%)

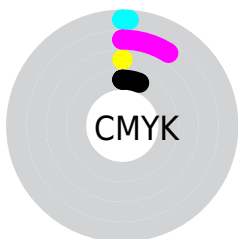
Blue (94%)



Red (93%)

Yellow (86%)

Blue (94%)

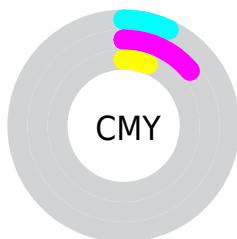


Cyan (1%)

Magenta (9%)

Yellow (0%)

Black (6%)



Cyan (7%)


Magenta (14%)

Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.9588, 0.3116, 0.3074 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 74.9588, 0.3116, 0.3074 by changing the saturation by 10% instead.


 74.9588, 0.3116,
0.3074

 74.9588, 0.3116,
0.3074

477.7759, 0.3122,
0.3172

 55.5791, 0.3115,
0.3052

126.2540, 0.3118,
0.3108

 39.8656, 0.3113,
0.3025

158.9384, 0.3119,
0.3121

 27.4338, 0.3110,
0.2992


196.8265, 0.3120,
0.3132

 17.8993, 0.3107,
0.2948

240.3026, 0.3120,
0.3142

 10.8777, 0.3101,
0.2890

289.7512, 0.3121,
0.3151

 5.9846, 0.3094,
0.2809

345.5567, 0.3121,

 2.8357, 0.3080,

0.3159

0.2685

408.1035, 0.3122,
0.3166

■ 1.0466, 0.3051,
0.2478

■ 0.0000, 0.2647,
0.0000

■ 74.9588, 0.3116,
0.3074

■ 74.9588, 0.3116,
0.3074

■ 62.7409, 0.3100,
0.2817

■ 89.0000, 0.3129,
0.3320

■ 52.2596, 0.3080,
0.2556

■ 97.0240, 0.3144,
0.3437

■ 43.4357, 0.3055,
0.2299

■ 97.6458, 0.3166,
0.3436

■ 36.1800, 0.3027,
0.2054

■ 98.2792, 0.3188,
0.3435

■ 30.3949, 0.2995,
0.1834

■ 98.9243, 0.3209,
0.3434

■ 25.9716, 0.2960,
0.1648

■ 99.0717, 0.3214,
0.3434

■ 22.7865, 0.2923,
0.1503

■ 20.6931, 0.2885,
0.1404

■ 19.4757, 0.2848,
0.1346

Harmonies

Analogous

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



74.9588, 0.2971, 0.3034



74.9588, 0.3116, 0.3074



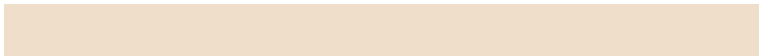
74.9588, 0.3267, 0.3168

Triad

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



74.9588, 0.3116, 0.3074



74.9588, 0.3389, 0.3519



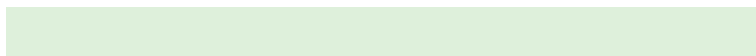
74.9588, 0.2878, 0.3279

Complementary

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



74.9588, 0.3116, 0.3074



82.9723, 0.3137, 0.3513

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.



74.9588, 0.2986, 0.3417



74.9588, 0.3116, 0.3074



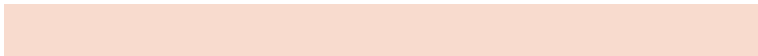
74.9588, 0.3281, 0.3557

Square

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



74.9588, 0.3116, 0.3074



74.9588, 0.3427, 0.3421



74.9588, 0.3133, 0.3520



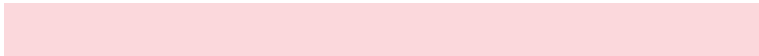
74.9588, 0.2836, 0.3148

Rectangle

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



74.9588, 0.3116, 0.3074



74.9588, 0.3350, 0.3250



74.9588, 0.3133, 0.3520



74.9588, 0.2908, 0.3326

Sweetspot

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



74.9620, 0.3116, 0.3074



95.0081, 0.3124, 0.3217



73.6794, 0.2991, 0.3100



20.0571, 0.3123, 0.3197



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.



74.9620, 0.3116, 0.3074



84.1080, 0.3114, 0.3042



75.0573, 0.3186, 0.3150



15.9097, 0.3115, 0.3056



10.6362, 0.2849, 0.1343



0.9160, 0.2899, 0.1371

Inverse Universe

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



74.4688, 0.3259, 0.3259



83.4681, 0.3280, 0.3254



82.8961, 0.3072, 0.3435



15.7958, 0.3271, 0.3256



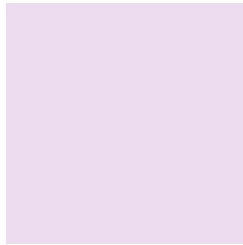
10.2172, 0.6206, 0.3193



0.8613, 0.5895, 0.3021

Previews

White Background



This preview shows how the Yxy color 74.9588, 0.3116, 0.3074 looks on a white background.

Color Contrast Check

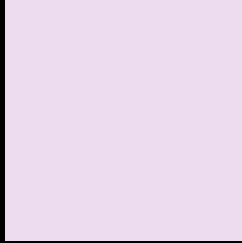
Large Text (above 18pt) WCAG AA × Fail

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 74.9588, 0.3116, 0.3074 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

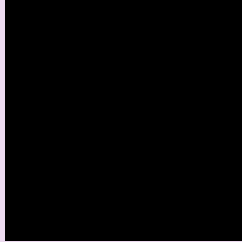
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

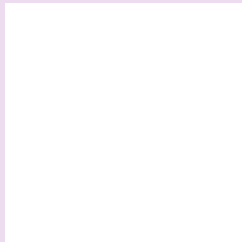
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.9588, 0.3116, 0.3074

Background



This preview shows how black text looks on a background with the Yxy color 74.9588, 0.3116, 0.3074.



This preview shows how white text looks on a background with the Yxy color 74.9588, 0.3116, 0.3074.

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

74.9588, 0.3116, 0.3074

Protanopia

74.9344, 0.3000, 0.3079

Deuteranopia

74.7848, 0.3131, 0.3065



Tritanopia

75.3053, 0.3135, 0.3115

Trichromacy



Original Color

74.9588, 0.3116, 0.3074

Protanomaly

75.1473, 0.3040, 0.3081

Deuteranomaly

74.6112, 0.3124, 0.3064

Tritanomaly

75.3640, 0.3129, 0.3105

Monochromacy



Original Color

74.9588, 0.3116, 0.3074

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.1264, 0.3124, 0.3206

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.9588, 0.3116, 0.3074 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, 240)` looks like.

```
.text, #text, p{  
    color:rgb(237, 219, 240)  
}
```

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, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 219, 240) }
```

Border

The CSS property to change the border of an element to Yxy 74.9588, 0.3116, 0.3074 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, 240) }
```

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

```
.border{ border-color:rgb(237, 219, 240) }
```

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, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 219, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 219, 240);  
box-shadow:4px 4px 4px 4px rgb(237, 219,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 74.9588, 0.3116, 0.3074 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, 240) }
```

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

```
.background{ background-color: rgb(237,  
219, 240) }
```

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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