

Converting Colors

$Y_{xy}(74.8012, 0.3102, 0.3089)$

Have a look what the booklet for
Yxy(74.8012, 0.3102, 0.3089)
contains.

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Color

Yxy(74.9108, 0.3101, 0.3093)

Conversions

Conversions Part 1

Format	Color
Hex	EADCEF
RGB	234, 220, 239
RGB Percent	92%, 86%, 94%
CMY	0.0824, 0.1372, 0.0627
CMYK	0.02, 0.08, 0.00, 0.06
HSL	284°, 37%, 90%
HSV	284°, 8%, 94%
XYZ	75.1046, 74.9108, 92.1793
YIQ	226.3520, 2.2450, 8.8770

Conversions

Conversions Part 2

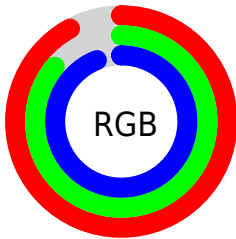
Format	Color
R_{YB}	234, 220, 239
Decimal	15391983
CIE Lab	89.35, 8.15, -7.56
CIE LCh	89, 11.118, 317.160
Yxy	74.9108, 0.3101, 0.3093
Android (android.graphics.Color)	4293582063 (0xFFEADCEF)
YUV	226.3520, 6.2355, 6.7073
Hunter-Lab	86.5510, 3.4289, -2.5598

Details

The Yxy color **74.9108, 0.3101, 0.3093** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **82.9286, 0.3151, 0.3491**, and the grayscale version is **76.2758, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.7941, 0.3093, 0.3049** is the 20% darker color. If you saturate the color by 10%, you get **62.1992, 0.3062, 0.2833**, and if you desaturate by 10%, it is **89.4608, 0.3133, 0.3339**.

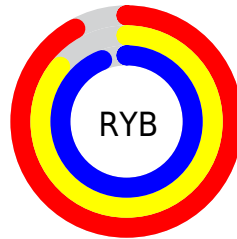
Distribution



Red (92%)

Green (86%)

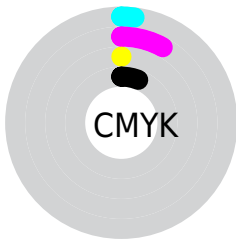
Blue (94%)



Red (92%)

Yellow (86%)

Blue (94%)

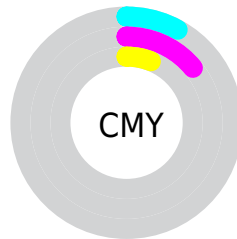


Cyan (2%)

Magenta (8%)

Yellow (0%)

Black (6%)



Cyan (8%)


Magenta (14%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.9108, 0.3101, 0.3093 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 74.9108, 0.3101, 0.3093 by changing the saturation by 10% instead.


 74.9108, 0.3101,
0.3093

 74.9108, 0.3101,
0.3093


477.6109, 0.3114,
0.3183

 55.5398, 0.3098,
0.3073


126.1861, 0.3105,
0.3124

 39.8341, 0.3094,
0.3048


158.8592, 0.3107,
0.3136

 27.4092, 0.3089,
0.3017


196.7351, 0.3109,
0.3146

 17.8808, 0.3083,
0.2978

240.1982, 0.3110,
0.3155

 10.8644, 0.3074,
0.2924

289.6330, 0.3111,
0.3163

 5.9757, 0.3061,
0.2849

345.4238, 0.3112,

 2.8303, 0.3038,

0.3170

0.2734

407.9549, 0.3113,
0.3177

■ 1.0438, 0.2996,
0.2540

■ 0.0000, 0.2250,
0.0000

■ 74.9108, 0.3101,
0.3093

■ 74.9108, 0.3101,
0.3093

■ 62.1992, 0.3062,
0.2833

■ 89.4608, 0.3133,
0.3339

■ 51.2403, 0.3016,
0.2563

■ 97.4629, 0.3167,
0.3446

■ 41.9557, 0.2962,
0.2291

■ 98.6306, 0.3207,
0.3444

■ 34.2573, 0.2902,
0.2027

■ 99.0134, 0.3220,
0.3444

■ 28.0490, 0.2836,
0.1782

■ 23.2237, 0.2765,
0.1567

■ 19.6600, 0.2693,
0.1393

■ 17.2148, 0.2621,
0.1266

■ 15.6919, 0.2551,
0.1185

Harmonies

Analogous

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



74.9108, 0.2977, 0.3065



74.9108, 0.3101, 0.3093



74.9108, 0.3234, 0.3171

Triad

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



74.9108, 0.3101, 0.3093



74.9108, 0.3365, 0.3483



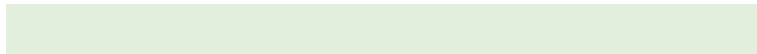
74.9108, 0.2918, 0.3296

Complementary

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



74.9108, 0.3101, 0.3093



82.9286, 0.3151, 0.3491

Split Complementary

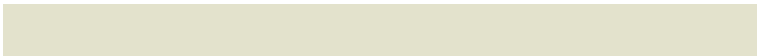
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.9108, 0.3018, 0.3414



74.9108, 0.3101, 0.3093



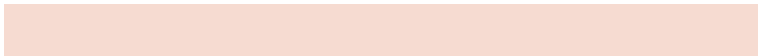
74.9108, 0.3276, 0.3523

Square

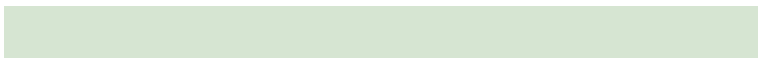
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.9108, 0.3101, 0.3093



74.9108, 0.3388, 0.3393



74.9108, 0.3149, 0.3498



74.9108, 0.2873, 0.3179

Rectangle

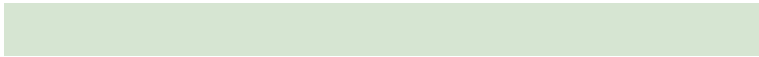
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.9108, 0.3101, 0.3093



74.9108, 0.3310, 0.3241



74.9108, 0.3149, 0.3498



74.9108, 0.2946, 0.3337

Sweetspot

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



74.9140, 0.3101, 0.3093



96.5339, 0.3121, 0.3241



75.3427, 0.3004, 0.3142



20.6986, 0.3121, 0.3244



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.



74.9140, 0.3101, 0.3093



83.5379, 0.3093, 0.3040



75.5190, 0.3166, 0.3140



15.8087, 0.3096, 0.3054



8.5948, 0.2548, 0.1177



0.7631, 0.2638, 0.1227

Inverse Universe

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



74.9832, 0.3230, 0.3238



83.6464, 0.3260, 0.3224



82.3694, 0.3091, 0.3445



15.8275, 0.3252, 0.3228



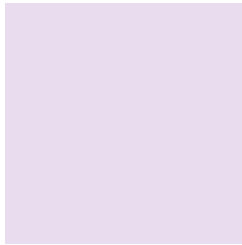
10.3594, 0.5882, 0.3014



0.8777, 0.5510, 0.2809

Previews

White Background



This preview shows how the Yxy color 74.9108, 0.3101, 0.3093 looks on a white background.

Color Contrast Check

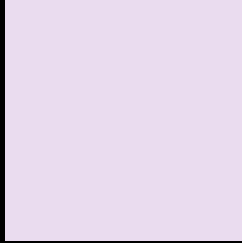
Large Text (above 18pt) WCAG AA × Fail

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 74.9108, 0.3101, 0.3093 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

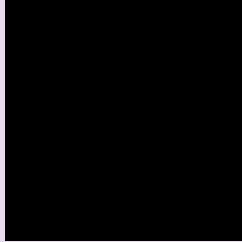
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

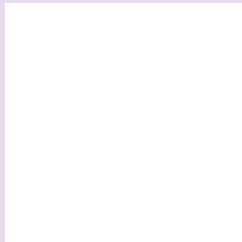
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.9108, 0.3101, 0.3093

Background



This preview shows how black text looks on a background with the Yxy color 74.9108, 0.3101, 0.3093.



This preview shows how white text looks on a background with the Yxy color 74.9108, 0.3101, 0.3093.

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

74.9108, 0.3101, 0.3093

Protanopia

74.9735, 0.3019, 0.3100

Deuteranopia

74.9001, 0.3144, 0.3075



Tritanopia

74.8519, 0.3108, 0.3103

Trichromacy



Original Color

74.9108, 0.3101, 0.3093

Protanomaly

75.0278, 0.3053, 0.3102

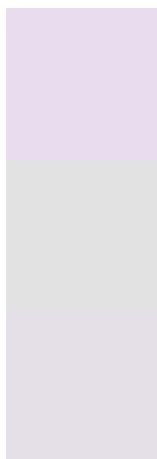
Deuteranomaly

75.0722, 0.3130, 0.3085

Tritanomaly

74.8519, 0.3108, 0.3103

Monochromacy



Original Color

74.9108, 0.3101, 0.3093

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.7388, 0.3117, 0.3216

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.9108, 0.3101, 0.3093 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(234, 220, 239)` looks like.

```
.text, #text, p{  
    color:rgb(234, 220, 239)  
}
```

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(234, 220, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 220, 239) }
```

Border

The CSS property to change the border of an element to Yxy 74.9108, 0.3101, 0.3093 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(234, 220, 239) }
```

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

```
.border{ border-color:rgb(234, 220, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 220, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 220, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 220, 239);  
box-shadow:4px 4px 4px 4px rgb(234, 220,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 74.9108, 0.3101, 0.3093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 220, 239) }
```

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

```
.background{ background-color: rgb(234,  
220, 239) }
```

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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