

Converting Colors

$Y_{xy}(75.0051, 0.3100, 0.3101)$

Have a look what the booklet for
Yxy(75.0051, 0.3100, 0.3101)
contains.

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Color

Yxy(74.7420, 0.3094, 0.3093)

Conversions

Conversions Part 1

Format	Color
Hex	E9DCEF
RGB	233, 220, 239
RGB Percent	91%, 86%, 94%
CMY	0.0864, 0.1372, 0.0628
CMYK	0.03, 0.08, 0.00, 0.06
HSL	281°, 37%, 90%
HSV	281°, 8%, 94%
XYZ	74.7662, 74.7420, 92.1407
YIQ	226.0530, 1.6490, 8.6650

Conversions

Conversions Part 2

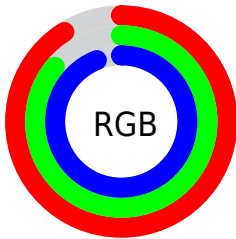
Format	Color
R _Y B	233, 220, 239
Decimal	15326447
CIE Lab	89.27, 7.80, -7.67
CIE LCh	89, 10.938, 315.476
Yxy	74.7420, 0.3094, 0.3093
Android (android.graphics.Color)	4293516527 (0xFFE9DCEF)
YUV	226.0530, 6.3829, 6.0925
Hunter-Lab	86.4535, 3.0758, -2.6729

Details

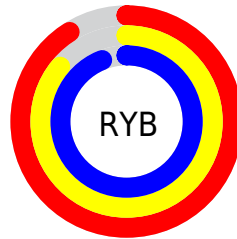
The Yxy color `74.7420, 0.3094, 0.3093` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `83.0745, 0.3158, 0.3490`, and the grayscale version is `76.0439, 0.3127, 0.3290`.

A 20% lighter version of the original color is `100.0000, 0.3127, 0.3290`, and `39.6763, 0.3084, 0.3048` is the 20% darker color. If you saturate the color by 10%, you get `61.8312, 0.3045, 0.2831`, and if you desaturate by 10%, it is `89.5076, 0.3135, 0.3339`.

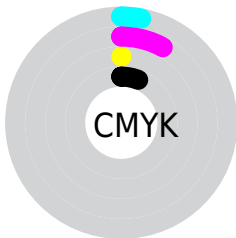
Distribution



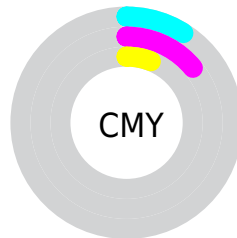
- Red (91%)
- Green (86%)
- Blue (94%)



- Red (91%)
- Yellow (86%)
- Blue (94%)



- Cyan (3%)
- Magenta (8%)
- Yellow (0%)
- Black (6%)




- Cyan (9%)
- Magenta (14%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.7420, 0.3094, 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 74.7420, 0.3094, 0.3093 by changing the saturation by 10% instead.

 74.7420, 0.3094,
0.3093

 74.7420, 0.3094,
0.3093


477.0303, 0.3110,
0.3183

 55.4016, 0.3090,
0.3073


125.9471, 0.3100,
0.3124

 39.7233, 0.3086,
0.3048


158.5805, 0.3102,
0.3136

 27.3229, 0.3080,
0.3017

196.4137, 0.3104,
0.3146

 17.8159, 0.3072,
0.2977

239.8311, 0.3105,
0.3155

 10.8179, 0.3061,
0.2924

289.2171, 0.3107,
0.3163

 5.9445, 0.3044,
0.2848

344.9560, 0.3108,

 2.8114, 0.3018,

0.3171

0.2733

407.4323, 0.3109,
0.3177

■ 1.0341, 0.2968,
0.2538

■ 0.0000, 0.2024,
0.0000

■ 74.7420, 0.3094,
0.3093

■ 74.7420, 0.3094,
0.3093

■ 61.8312, 0.3045,
0.2831

■ 89.5076, 0.3135,
0.3339

■ 50.6893, 0.2987,
0.2557

■ 97.7372, 0.3177,
0.3446

■ 41.2376, 0.2921,
0.2279

■ 99.0116, 0.3220,
0.3444

■ 33.3877, 0.2846,
0.2007

■ 27.0433, 0.2765,
0.1752

■ 22.0970, 0.2679,
0.1526

■ 18.4271, 0.2592,
0.1341

■ 15.8904, 0.2506,
0.1204

■ 14.2906, 0.2424,
0.1115

Harmonies

Analogous

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



74.7420, 0.2973, 0.3069



74.7420, 0.3094, 0.3093



74.7420, 0.3226, 0.3167

Triad

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



74.7420, 0.3094, 0.3093



74.7420, 0.3364, 0.3476



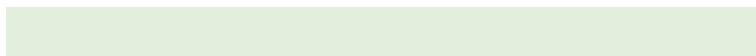
74.7420, 0.2925, 0.3303

Complementary

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



74.7420, 0.3094, 0.3093



83.0745, 0.3158, 0.3490

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.



74.7420, 0.3027, 0.3418



74.7420, 0.3094, 0.3093



74.7420, 0.3280, 0.3518

Square

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



74.7420, 0.3094, 0.3093



74.7420, 0.3384, 0.3385



74.7420, 0.3156, 0.3498



74.7420, 0.2878, 0.3186

Rectangle

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



74.7420, 0.3094, 0.3093



74.7420, 0.3302, 0.3236



74.7420, 0.3156, 0.3498



74.7420, 0.2954, 0.3343

Sweetspot

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



74.7452, 0.3094, 0.3093



96.4828, 0.3119, 0.3241



76.0304, 0.3005, 0.3156



20.6881, 0.3120, 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.



74.7452, 0.3094, 0.3093



83.2900, 0.3084, 0.3039



75.5926, 0.3157, 0.3128



15.7648, 0.3087, 0.3054



7.8201, 0.2420, 0.1107



0.7035, 0.2526, 0.1165

Inverse Universe

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



75.0402, 0.3223, 0.3228



83.7258, 0.3251, 0.3211



82.2851, 0.3099, 0.3458



15.8417, 0.3243, 0.3215



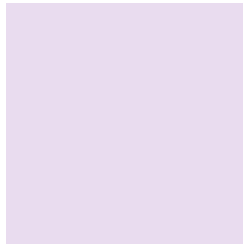
10.4504, 0.5697, 0.2912



0.8868, 0.5325, 0.2707

Previews

White Background



This preview shows how the Yxy color 74.7420, 0.3094, 0.3093 looks on a white background.

Color Contrast Check

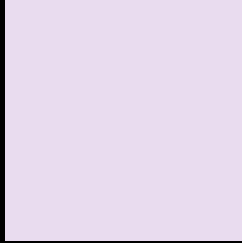
Large Text (above 18pt) WCAG AA × Fail

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 74.7420, 0.3094, 0.3093 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

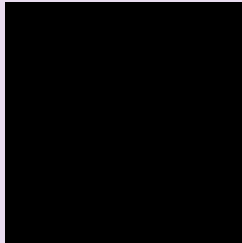
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

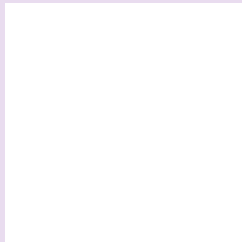
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.7420, 0.3094, 0.3093

Background



This preview shows how black text looks on a background with the Yxy color 74.7420, 0.3094, 0.3093.



This preview shows how white text looks on a background with the Yxy color 74.7420, 0.3094, 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

74.7420, 0.3094, 0.3093

Protanopia

74.9735, 0.3019, 0.3100

Deuteranopia

74.7255, 0.3137, 0.3075



Tritanopia

74.6831, 0.3101, 0.3103

Trichromacy



Original Color

74.7420, 0.3094, 0.3093

Protanomaly

74.8647, 0.3046, 0.3101

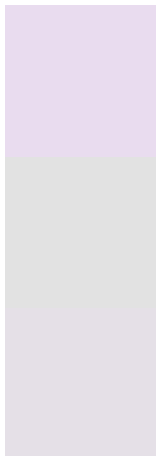
Deuteranomaly

74.8996, 0.3123, 0.3084

Tritanomaly

74.6831, 0.3101, 0.3103

Monochromacy



Original Color

74.7420, 0.3094, 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 74.7420, 0.3094, 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(233, 220, 239)` looks like.

```
.text, #text, p{  
    color:rgb(233, 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(233, 220, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 220, 239) }
```

Border

The CSS property to change the border of an element to Yxy 74.7420, 0.3094, 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(233, 220, 239) }
```

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

```
.border{ border-color:rgb(233, 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(233, 220, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 220, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 220, 239);  
box-shadow:4px 4px 4px 4px rgb(233, 220,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 74.7420, 0.3094, 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(233, 220, 239) }
```

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

```
.background{ background-color: rgb(233,  
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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