

Converting Colors

Yxy(74.3480, 0.3044, 0.3140)

Have a look what the booklet for
Yxy(74.3480, 0.3044, 0.3140)
contains.

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Color

Yxy(74.2043, 0.3044, 0.3131)

Conversions

Conversions Part 1

Format	Color
Hex	E0DEED
RGB	224, 222, 237
RGB Percent	88%, 87%, 93%
CMY	0.1217, 0.1294, 0.0705
CMYK	0.06, 0.06, 0.00, 0.07
HSL	248°, 29%, 90%
HSV	248°, 6%, 93%
XYZ	72.1424, 74.2043, 90.6520
YIQ	224.3080, -3.6230, 5.0890

Conversions

Conversions Part 2

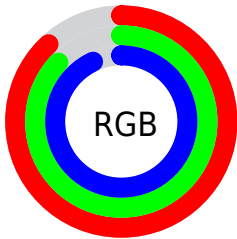
Format	Color
R _Y B	224, 222, 237
Decimal	14737133
CIE Lab	89.02, 3.43, -7.08
CIE LCh	89, 7.867, 295.814
Yxy	74.2043, 0.3044, 0.3131
Android (android.graphics.Color)	4292927213 (0xFFE0DEED)
YUV	224.3080, 6.2572, -0.2701
Hunter-Lab	86.1419, -1.2576, -2.0949

Details

The Yxy color **74.2043, 0.3044, 0.3131** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **83.5239, 0.3207, 0.3445**, and the grayscale version is **74.7290, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.4086, 0.3028, 0.3098** is the 20% darker color. If you saturate the color by 10%, you get **59.3936, 0.2897, 0.2854**, and if you desaturate by 10%, it is **91.1902, 0.3172, 0.3376**.

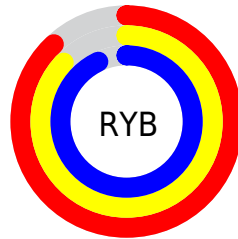
Distribution



Red (88%)

Green (87%)

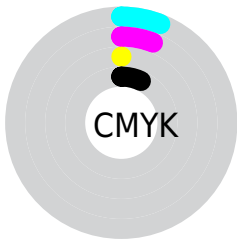
Blue (93%)



Red (88%)

Yellow (87%)

Blue (93%)

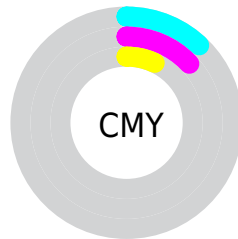


Cyan (6%)

Magenta (6%)

Yellow (0%)

Black (7%)



Cyan (12%)

Magenta (13%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.2043, 0.3044, 0.3131 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 74.2043, 0.3044, 0.3131 by changing the saturation by 10% instead.

■ 74.2043, 0.3044,
0.3131

■ 74.2043, 0.3044,
0.3131

475.1782, 0.3083,
0.3204

■ 54.9613, 0.3035,
0.3115

125.1854, 0.3057,
0.3156

■ 39.3707, 0.3024,
0.3094

157.6922, 0.3063,
0.3166

■ 27.0482, 0.3010,
0.3069

195.3891, 0.3067,
0.3174

■ 17.6095, 0.2992,
0.3036

238.6604, 0.3071,
0.3182

■ 10.6700, 0.2968,
0.2991

287.8906, 0.3074,
0.3188

■ 5.8454, 0.2932,
0.2927

343.4640, 0.3077,

■ 2.7513, 0.2876,

0.3194

0.2829

405.7651, 0.3080,
0.3199

■ 1.0033, 0.2775,
0.2658

■ 0.0000, 0.0000,
0.0000

■ 74.2043, 0.3044,
0.3131

■ 74.2043, 0.3044,
0.3131

■ 59.3936, 0.2897,
0.2854

■ 91.1902, 0.3172,
0.3376

■ 46.6609, 0.2730,
0.2547

■ 98.8953, 0.3232,
0.3463

■ 35.9159, 0.2546,
0.2216

■ 27.0577, 0.2350,
0.1871

■ 19.9767, 0.2150,
0.1530

■ 14.5518, 0.1958,
0.1216

■ 10.6467, 0.1789,
0.0953

■ 8.1032, 0.1655,
0.0761

■ 6.7258, 0.1565,
0.0650

Harmonies

Analogous

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



74.2043, 0.2974, 0.3141



74.2043, 0.3044, 0.3131



74.2043, 0.3137, 0.3162

Triad

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



74.2043, 0.3044, 0.3131



74.2043, 0.3313, 0.3385



74.2043, 0.3026, 0.3355

Complementary

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



74.2043, 0.3044, 0.3131



83.5239, 0.3207, 0.3445

Split Complementary

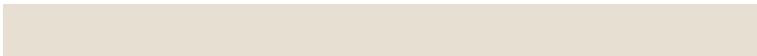
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.2043, 0.3116, 0.3423



74.2043, 0.3044, 0.3131



74.2043, 0.3282, 0.3439

Square

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



74.2043, 0.3044, 0.3131



74.2043, 0.3293, 0.3307



74.2043, 0.3209, 0.3454



74.2043, 0.2964, 0.3270

Rectangle

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



74.2043, 0.3044, 0.3131



74.2043, 0.3200, 0.3202



74.2043, 0.3209, 0.3454



74.2043, 0.3054, 0.3381

Sweetspot

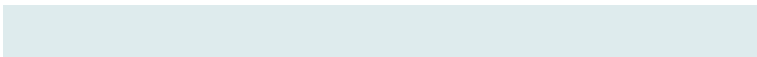
The Sweet Spot groups the original color and five complimentary colors.



74.2075, 0.3044, 0.3131



95.9577, 0.3102, 0.3241



81.2156, 0.3029, 0.3271



20.5812, 0.3103, 0.3243



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.



74.2075, 0.3044, 0.3131



84.4576, 0.3020, 0.3086



75.3977, 0.3094, 0.3134



14.6432, 0.3000, 0.3048



3.5280, 0.1550, 0.0628



0.3072, 0.1649, 0.0682

Inverse Universe

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



76.2581, 0.3147, 0.3155



87.4975, 0.3153, 0.3119



82.3073, 0.3158, 0.3448



15.2780, 0.3158, 0.3088



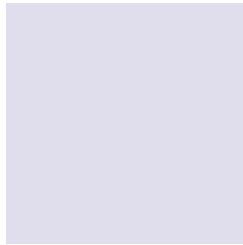
12.2784, 0.3568, 0.1739



0.9736, 0.3511, 0.1708

Previews

White Background



This preview shows how the Yxy color 74.2043, 0.3044, 0.3131 looks on a white background.

Color Contrast Check

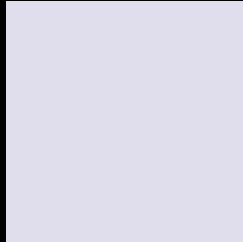
Large Text (above 18pt) WCAG AA × Fail

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 74.2043, 0.3044, 0.3131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

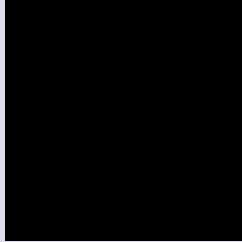
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.2043, 0.3044, 0.3131

Background



This preview shows how black text looks on a background with the Yxy color 74.2043, 0.3044, 0.3131.

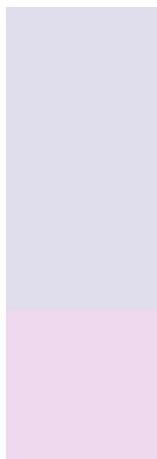


This preview shows how white text looks on a background with the Yxy color 74.2043, 0.3044, 0.3131.

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

74.2043, 0.3044, 0.3131

Protanopia

74.2043, 0.3044, 0.3131

Deuteranopia

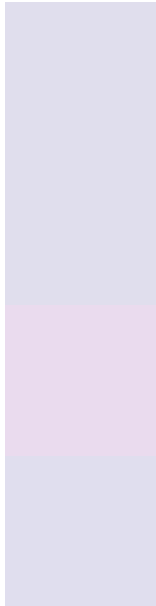
74.1495, 0.3144, 0.3074



Tritanopia

74.3218, 0.3032, 0.3110

Trichromacy



Original Color

74.2043, 0.3044, 0.3131

Protanomaly

74.2043, 0.3044, 0.3131

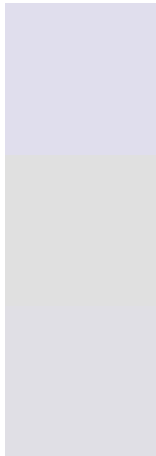
Deuteranomaly

74.3285, 0.3108, 0.3093

Tritanomaly

74.2629, 0.3038, 0.3121

Monochromacy



Original Color

74.2043, 0.3044, 0.3131

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.2798, 0.3095, 0.3226

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.2043, 0.3044, 0.3131 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(224, 222, 237)` looks like.

```
.text, #text, p{  
    color:rgb(224, 222, 237)  
}
```

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(224, 222, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 222, 237) }
```

Border

The CSS property to change the border of an element to Yxy 74.2043, 0.3044, 0.3131 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(224, 222, 237) }
```

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

```
.border{ border-color:rgb(224, 222, 237) }
```

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

Here you see how a box with a 4 pixel rgb(224, 222, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 222, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 222, 237);  
box-shadow:4px 4px 4px 4px rgb(224, 222,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 74.2043, 0.3044, 0.3131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 222, 237) }
```

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

```
.background{ background-color: rgb(224,  
222, 237) }
```

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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