

Converting Colors

$Y_{xy}(74.5037, 0.3107, 0.3230)$

Have a look what the booklet for
Yxy(74.5037, 0.3107, 0.3230)
contains.

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Color

Yxy(74.4400, 0.3102, 0.3226)

Conversions

Conversions Part 1

Format	Color
Hex	E1DFE5
RGB	225, 223, 229
RGB Percent	88%, 87%, 90%
CMY	0.1177, 0.1255, 0.1019
CMYK	0.02, 0.03, 0.00, 0.10
HSL	260°, 10%, 89%
HSV	260°, 3%, 90%
XYZ	71.5787, 74.4400, 84.7315
YIQ	224.2820, -0.7340, 2.2900

Conversions

Conversions Part 2

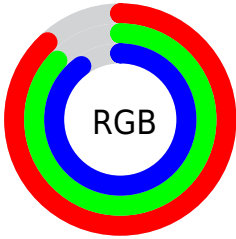
Format	Color
R_{YB}	225, 223, 229
Decimal	14802917
CIE Lab	89.13, 1.76, -2.70
CIE LCh	89, 3.222, 303.020
Yxy	74.4400, 0.3102, 0.3226
Android (android.graphics.Color)	4292992997 (0xFFE1DFE5)
YUV	224.2820, 2.3260, 0.6297
Hunter-Lab	86.2786, -2.8999, 2.1682

Details

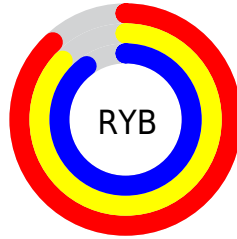
The Yxy color **74.4400, 0.3102, 0.3226** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77.7099, 0.3152, 0.3354**, and the grayscale version is **74.7375, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.6073, 0.3095, 0.3207** is the 20% darker color. If you saturate the color by 10%, you get **60.6617, 0.2996, 0.2965**, and if you desaturate by 10%, it is **90.1022, 0.3193, 0.3460**.

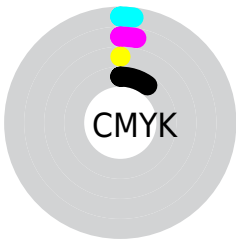
Distribution



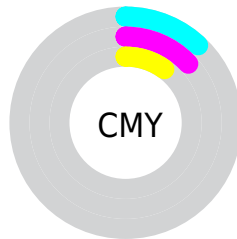
- Red (88%)
- Green (87%)
- Blue (90%)



- Red (88%)
- Yellow (87%)
- Blue (90%)



- Cyan (2%)
- Magenta (3%)
- Yellow (0%)
- Black (10%)



- Cyan (12%)
- Magenta (13%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.4400, 0.3102, 0.3226 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 74.4400, 0.3102, 0.3226 by changing the saturation by 10% instead.

■ 74.4400, 0.3102,
0.3226

■ 74.4400, 0.3102,
0.3226

475.9906, 0.3114,
0.3256

■ 55.1542, 0.3099,
0.3219

125.5193, 0.3106,
0.3236

■ 39.5252, 0.3096,
0.3211

158.0817, 0.3108,
0.3240

■ 27.1686, 0.3092,
0.3201

195.8384, 0.3109,
0.3244

■ 17.6999, 0.3086,
0.3187

239.1738, 0.3110,
0.3247

■ 10.7347, 0.3079,
0.3169

288.4723, 0.3111,
0.3249

■ 5.8887, 0.3068,
0.3142

344.1184, 0.3112,

■ 2.7775, 0.3051,

0.3252

0.3101

406.4963, 0.3113,
0.3254

■ 1.0167, 0.3020,
0.3028

■ 0.0000, 0.0000,
0.0000

■ 74.4400, 0.3102,
0.3226

■ 74.4400, 0.3102,
0.3226

■ 60.6617, 0.2996,
0.2965

■ 90.1022, 0.3193,
0.3460

■ 48.6858, 0.2874,
0.2680

■ 98.4378, 0.3280,
0.3542

■ 38.4390, 0.2736,
0.2373

■ 29.8394, 0.2583,
0.2054

■ 22.7981, 0.2419,
0.1734

■ 17.2176, 0.2250,
0.1431

■ 12.9893, 0.2085,
0.1163

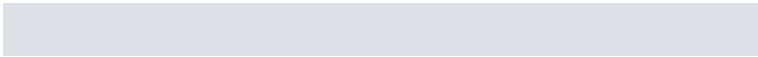
■ 9.9883, 0.1934,
0.0948

■ 8.0653, 0.1805,
0.0798

Harmonies

Analogous

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



74.4400, 0.3070, 0.3226



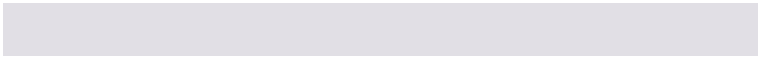
74.4400, 0.3102, 0.3226



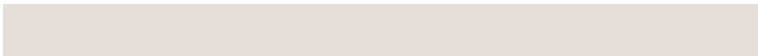
74.4400, 0.3141, 0.3242

Triad

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



74.4400, 0.3102, 0.3226



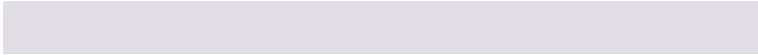
74.4400, 0.3202, 0.3336



74.4400, 0.3078, 0.3309

Complementary

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



74.4400, 0.3102, 0.3226



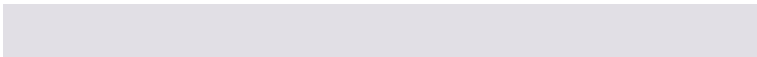
77.7099, 0.3152, 0.3354

Split Complementary

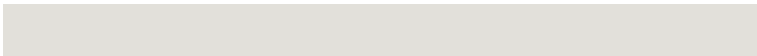
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.4400, 0.3113, 0.3339



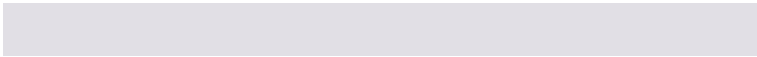
74.4400, 0.3102, 0.3226



74.4400, 0.3185, 0.3354

Square

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



74.4400, 0.3102, 0.3226



74.4400, 0.3199, 0.3306



74.4400, 0.3152, 0.3355



74.4400, 0.3057, 0.3274

Rectangle

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



74.4400, 0.3102, 0.3226



74.4400, 0.3165, 0.3261



74.4400, 0.3152, 0.3355



74.4400, 0.3089, 0.3320

Sweetspot

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



74.4432, 0.3102, 0.3226



98.0606, 0.3118, 0.3266



76.3460, 0.3087, 0.3270



21.0095, 0.3118, 0.3267



0.0000, 0.0000, 0.0000



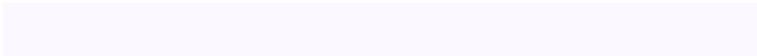
21.4041, 0.3127, 0.3290

Same Dimension

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



74.4432, 0.3102, 0.3226



94.2550, 0.3098, 0.3216



74.9177, 0.3122, 0.3226



15.8416, 0.3091, 0.3197



4.1552, 0.1741, 0.0733



0.3561, 0.1901, 0.0821

Inverse Universe

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



74.9885, 0.3143, 0.3247



95.0548, 0.3145, 0.3241



77.2378, 0.3132, 0.3354



16.0120, 0.3150, 0.3228



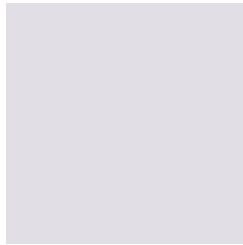
10.8754, 0.4253, 0.2117



0.8206, 0.4062, 0.2012

Previews

White Background



This preview shows how the Yxy color 74.4400, 0.3102, 0.3226 looks on a white background.

Color Contrast Check

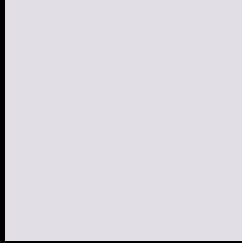
Large Text (above 18pt) WCAG AA × Fail

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 74.4400, 0.3102, 0.3226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

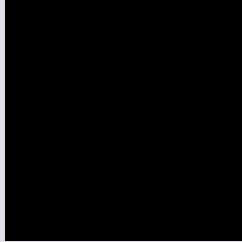
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

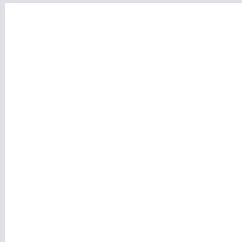
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.4400, 0.3102, 0.3226

Background



This preview shows how black text looks on a background with the Yxy color 74.4400, 0.3102, 0.3226.

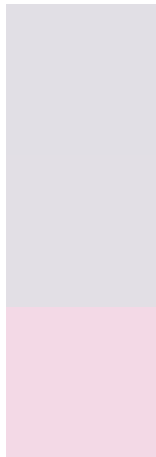


This preview shows how white text looks on a background with the Yxy color 74.4400, 0.3102, 0.3226.

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

74.4400, 0.3102, 0.3226

Protanopia

74.6012, 0.3109, 0.3226

Deuteranopia

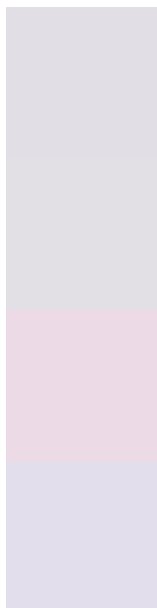
74.3936, 0.3227, 0.3157



Tritanopia

74.2758, 0.3052, 0.3101

Trichromacy



Original Color

74.4400, 0.3102, 0.3226

Protanomaly

74.6012, 0.3109, 0.3226

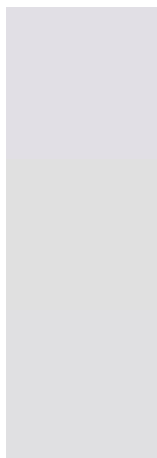
Deuteranomaly

74.2091, 0.3175, 0.3176

Tritanomaly

74.4095, 0.3071, 0.3153

Monochromacy



Original Color

74.4400, 0.3102, 0.3226

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.6496, 0.3114, 0.3269

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.4400, 0.3102, 0.3226 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(225, 223, 229)` looks like.

```
.text, #text, p{  
    color:rgb(225, 223, 229)  
}
```

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(225, 223, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 223, 229) }
```

Border

The CSS property to change the border of an element to Yxy 74.4400, 0.3102, 0.3226 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(225, 223, 229) }
```

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

```
.border{ border-color:rgb(225, 223, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 223, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 223, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 223, 229); box-shadow:4px 4px 4px 4px rgb(225, 223, 229) }
```


Background

The CSS property to change the background color of an element to Yxy 74.4400, 0.3102, 0.3226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 223, 229) }
```

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

```
.background{ background-color: rgb(225,  
223, 229) }
```

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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