

Converting Colors

Yxy(74.1641, 0.3049, 0.3167)

Have a look what the booklet for
Yxy(74.1641, 0.3049, 0.3167)
contains.

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Color

Yxy(74.2455, 0.3049, 0.3173)

Conversions

Conversions Part 1

Format	Color
Hex	DEDFEA
RGB	222, 223, 234
RGB Percent	87%, 87%, 92%
CMY	0.1297, 0.1254, 0.0824
CMYK	0.05, 0.05, 0.00, 0.08
HSL	235°, 22%, 89%
HSV	235°, 5%, 92%
XYZ	71.3440, 74.2455, 88.4020
YIQ	223.9550, -4.1270, 3.2090

Conversions

Conversions Part 2

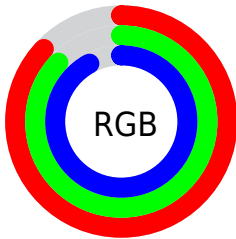
Format	Color
R _Y B	222, 223, 234
Decimal	14606314
CIE Lab	89.04, 1.65, -5.48
CIE LCh	89, 5.723, 286.791
Yxy	74.2455, 0.3049, 0.3173
Android (android.graphics.Color)	4292796394 (0xFFDEDFEA)
YUV	223.9550, 4.9522, -1.7145
Hunter-Lab	86.1658, -2.9949, -0.5126

Details

The Yxy color **74.2455, 0.3049, 0.3173** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **80.9715, 0.3204, 0.3404**, and the grayscale version is **74.4679, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.4351, 0.3035, 0.3151** is the 20% darker color. If you saturate the color by 10%, you get **60.1525, 0.2883, 0.2923**, and if you desaturate by 10%, it is **90.2833, 0.3196, 0.3393**.

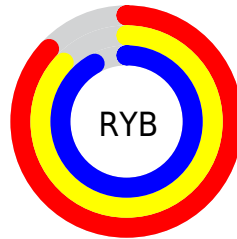
Distribution



Red (87%)

Green (87%)

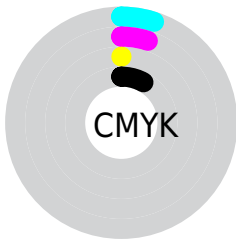
Blue (92%)



Red (87%)

Yellow (87%)

Blue (92%)

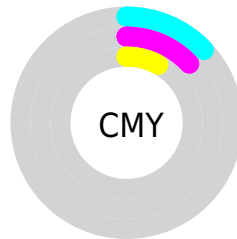


Cyan (5%)

Magenta (5%)

Yellow (0%)

Black (8%)



Cyan (13%)

Magenta (13%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.2455, 0.3049, 0.3173 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 74.2455, 0.3049, 0.3173 by changing the saturation by 10% instead.

■ 74.2455, 0.3049,
0.3173

■ 74.2455, 0.3049,
0.3173

475.3202, 0.3085,
0.3227

■ 54.9950, 0.3041,
0.3161

125.2438, 0.3062,
0.3192

■ 39.3977, 0.3031,
0.3146

157.7603, 0.3066,
0.3199

■ 27.0693, 0.3018,
0.3127

195.4677, 0.3071,
0.3205

■ 17.6252, 0.3001,
0.3102

238.7502, 0.3074,
0.3211

■ 10.6813, 0.2978,
0.3068

287.9923, 0.3077,
0.3215

■ 5.8529, 0.2945,
0.3020

343.5785, 0.3080,

■ 2.7559, 0.2893,

0.3220

0.2946

405.8930, 0.3083,
0.3223

■ 1.0056, 0.2800,
0.2814

■ 0.0000, 0.0000,
0.0000

■ 74.2455, 0.3049,
0.3173

■ 74.2455, 0.3049,
0.3173

■ 60.1525, 0.2883,
0.2923

■ 90.2833, 0.3196,
0.3393

■ 47.9211, 0.2700,
0.2642

■ 98.7198, 0.3250,
0.3493

■ 37.4763, 0.2502,
0.2333

■ 28.7343, 0.2296,
0.2006

■ 21.6043, 0.2090,
0.1672

■ 15.9874, 0.1898,
0.1353

■ 11.7736, 0.1734,
0.1071

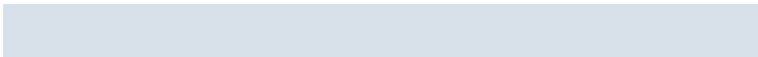
■ 8.8377, 0.1611,
0.0847

■ 7.0320, 0.1536,
0.0697

Harmonies

Analogous

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



74.2455, 0.3006, 0.3190



74.2455, 0.3049, 0.3173



74.2455, 0.3113, 0.3187

Triad

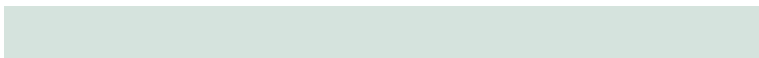
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.2455, 0.3049, 0.3173



74.2455, 0.3261, 0.3344



74.2455, 0.3072, 0.3354

Complementary

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



74.2455, 0.3049, 0.3173



80.9715, 0.3204, 0.3404

Split Complementary

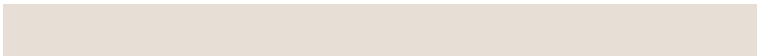
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.2455, 0.3140, 0.3397



74.2455, 0.3049, 0.3173



74.2455, 0.3250, 0.3390

Square

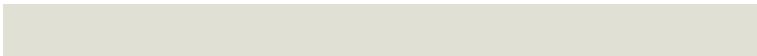
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.2455, 0.3049, 0.3173



74.2455, 0.3236, 0.3284



74.2455, 0.3205, 0.3409



74.2455, 0.3019, 0.3295

Rectangle

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



74.2455, 0.3049, 0.3173



74.2455, 0.3160, 0.3211



74.2455, 0.3205, 0.3409



74.2455, 0.3094, 0.3371

Sweetspot

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



74.2487, 0.3049, 0.3173



96.1252, 0.3097, 0.3245



80.2269, 0.3054, 0.3303



20.6154, 0.3099, 0.3248



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.



74.2487, 0.3049, 0.3173



88.6636, 0.3035, 0.3152



74.4324, 0.3083, 0.3163



15.6659, 0.3026, 0.3138



3.7265, 0.1517, 0.0662



0.3686, 0.1559, 0.0811

Inverse Universe

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



75.0221, 0.3206, 0.3279



89.7606, 0.3220, 0.3277



80.7932, 0.3170, 0.3417



15.8813, 0.3230, 0.3275



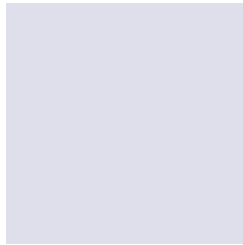
9.8690, 0.6296, 0.3242



0.7826, 0.6052, 0.3108

Previews

White Background



This preview shows how the Yxy color 74.2455, 0.3049, 0.3173 looks on a white background.

Color Contrast Check

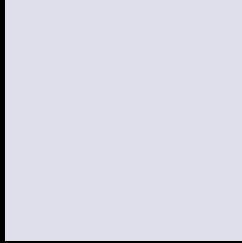
Large Text (above 18pt) WCAG AA × Fail

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 74.2455, 0.3049, 0.3173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

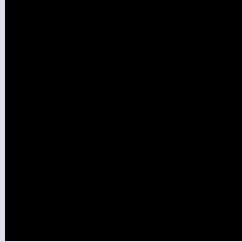
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

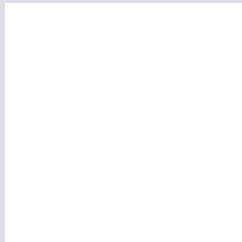
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.2455, 0.3049, 0.3173

Background



This preview shows how black text looks on a background with the Yxy color 74.2455, 0.3049, 0.3173.

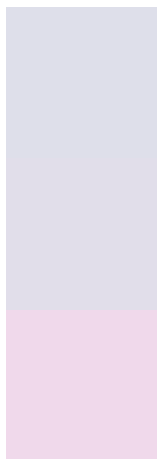


This preview shows how white text looks on a background with the Yxy color 74.2455, 0.3049, 0.3173.

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

74.2455, 0.3049, 0.3173

Protanopia

74.1906, 0.3070, 0.3163

Deuteranopia

74.1491, 0.3172, 0.3105



Tritanopia

74.2218, 0.3019, 0.3100

Trichromacy



Original Color

74.2455, 0.3049, 0.3173

Protanomaly

74.0304, 0.3063, 0.3162

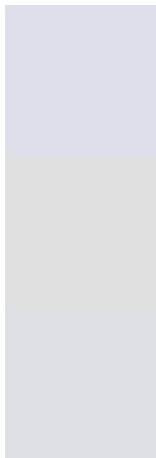
Deuteranomaly

73.9848, 0.3121, 0.3123

Tritanomaly

74.1036, 0.3031, 0.3120

Monochromacy



Original Color

74.2455, 0.3049, 0.3173

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.6007, 0.3094, 0.3247

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.2455, 0.3049, 0.3173 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(222, 223, 234)` looks like.

```
.text, #text, p{  
    color:rgb(222, 223, 234)  
}
```

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(222, 223, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 223, 234) }
```

Border

The CSS property to change the border of an element to Yxy 74.2455, 0.3049, 0.3173 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(222, 223, 234) }
```

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

```
.border{ border-color:rgb(222, 223, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 223, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 223, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 223, 234);  
box-shadow:4px 4px 4px 4px rgb(222, 223,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 74.2455, 0.3049, 0.3173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 223, 234) }
```

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

```
.background{ background-color: rgb(222,  
223, 234) }
```

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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