

Converting Colors

$Yxy(73.4838, 0.3024, 0.3115)$

Have a look what the booklet for
Yxy(73.4838, 0.3024, 0.3115)
contains.

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Color

Yxy(73.4155, 0.3024, 0.3109)

Conversions

Conversions Part 1

Format	Color
Hex	DEDDEE
RGB	222, 221, 238
RGB Percent	87%, 87%, 93%
CMY	0.1295, 0.1333, 0.0666
CMYK	0.07, 0.07, 0.00, 0.07
HSL	243°, 33%, 90%
HSV	243°, 7%, 93%
XYZ	71.4083, 73.4155, 91.3148
YIQ	223.2370, -4.8610, 5.4990

Conversions

Conversions Part 2

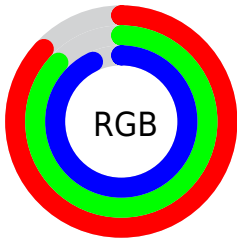
Format	Color
R _Y B	222, 221, 238
Decimal	14605806
CIE Lab	88.65, 3.48, -8.18
CIE LCh	89, 8.894, 293.057
Yxy	73.4155, 0.3024, 0.3109
Android (android.graphics.Color)	4292795886 (0xFFDEDDDEE)
YUV	223.2370, 7.2782, -1.0848
Hunter-Lab	85.6828, -1.1826, -3.2092

Details

The Yxy color **73.4155, 0.3024, 0.3109** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **84.4021, 0.3227, 0.3465**, and the grayscale version is **73.9185, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.8653, 0.3002, 0.3069** is the 20% darker color. If you saturate the color by 10%, you get **58.4133, 0.2862, 0.2827**, and if you desaturate by 10%, it is **90.6785, 0.3165, 0.3358**.

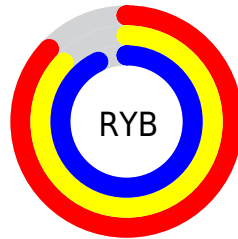
Distribution



Red (87%)

Green (87%)

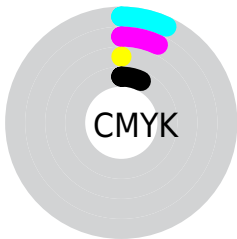
Blue (93%)



Red (87%)

Yellow (87%)

Blue (93%)

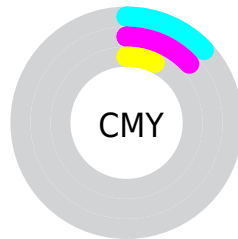


Cyan (7%)

Magenta (7%)

Yellow (0%)

Black (7%)



Cyan (13%)

Magenta (13%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.4155, 0.3024, 0.3109 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 73.4155, 0.3024, 0.3109 by changing the saturation by 10% instead.

■ 73.4155, 0.3024,
0.3109

■ 73.4155, 0.3024,
0.3109

472.4536, 0.3072,
0.3192

■ 54.3158, 0.3013,
0.3090

124.0669, 0.3041,
0.3138

■ 38.8542, 0.2999,
0.3067

156.3873, 0.3047,
0.3149

■ 26.6463, 0.2982,
0.3038

193.8835, 0.3053,
0.3158

■ 17.3078, 0.2960,
0.3000

236.9398, 0.3057,
0.3167

■ 10.4542, 0.2929,
0.2949

285.9405, 0.3062,
0.3174

■ 5.7011, 0.2884,
0.2876

341.2701, 0.3066,

■ 2.6642, 0.2814,

0.3181

0.2763

403.3130, 0.3069,
0.3187

■ 0.9590, 0.2689,
0.2568

■ 0.0000, 0.0000,
0.0000

■ 73.4155, 0.3024,
0.3109

■ 73.4155, 0.3024,
0.3109

■ 58.4133, 0.2862,
0.2827

■ 90.6785, 0.3165,
0.3358

■ 45.5693, 0.2680,
0.2513

■ 98.9546, 0.3226,
0.3454

■ 34.7872, 0.2482,
0.2174

■ 25.9594, 0.2273,
0.1821

■ 18.9688, 0.2065,
0.1474

■ 13.6857, 0.1872,
0.1158

■ 9.9634, 0.1710,
0.0900

■ 7.6306, 0.1592,
0.0720

■ 6.4683, 0.1525,
0.0624

Harmonies

Analogous

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



73.4155, 0.2949, 0.3125



73.4155, 0.3024, 0.3109



73.4155, 0.3128, 0.3140

Triad

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



73.4155, 0.3024, 0.3109



73.4155, 0.3338, 0.3390



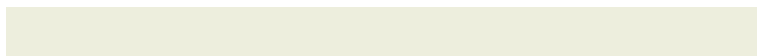
73.4155, 0.3021, 0.3372

Complementary

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



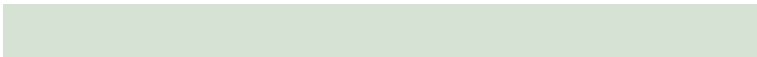
73.4155, 0.3024, 0.3109



84.4021, 0.3227, 0.3465

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.



73.4155, 0.3124, 0.3447



73.4155, 0.3024, 0.3109



73.4155, 0.3308, 0.3455

Square

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



73.4155, 0.3024, 0.3109



73.4155, 0.3311, 0.3300



73.4155, 0.3229, 0.3477



73.4155, 0.2947, 0.3276

Rectangle

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



73.4155, 0.3024, 0.3109



73.4155, 0.3200, 0.3183



73.4155, 0.3229, 0.3477



73.4155, 0.3053, 0.3401

Sweetspot

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



73.4186, 0.3024, 0.3109



95.8875, 0.3099, 0.3241



82.2187, 0.3016, 0.3281



20.5669, 0.3101, 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.



73.4186, 0.3024, 0.3109



82.3420, 0.2995, 0.3058



74.7784, 0.3082, 0.3112



15.2711, 0.2988, 0.3046



3.5104, 0.1517, 0.0610



0.3068, 0.1563, 0.0634

Inverse Universe

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



76.0198, 0.3142, 0.3125



86.1387, 0.3146, 0.3081



82.9889, 0.3170, 0.3468



16.0152, 0.3147, 0.3070



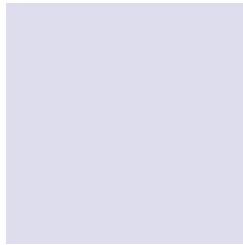
13.1696, 0.3355, 0.1622



1.1002, 0.3334, 0.1610

Previews

White Background



This preview shows how the Yxy color 73.4155, 0.3024, 0.3109 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 73.4155, 0.3024, 0.3109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

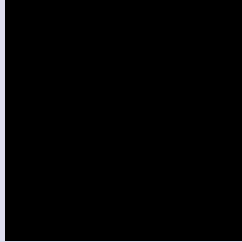
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

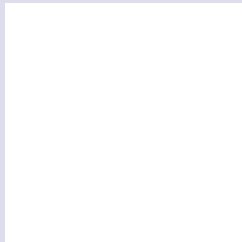
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.4155, 0.3024, 0.3109

Background



This preview shows how black text looks on a background with the Yxy color 73.4155, 0.3024, 0.3109.

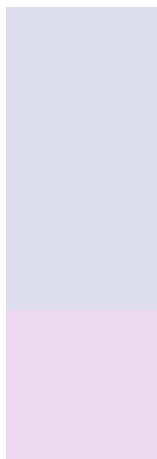


This preview shows how white text looks on a background with the Yxy color 73.4155, 0.3024, 0.3109.

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

73.4155, 0.3024, 0.3109

Protanopia

73.4155, 0.3024, 0.3109

Deuteranopia

73.1766, 0.3117, 0.3052



Tritanopia

73.4155, 0.3024, 0.3109

Trichromacy



Original Color

73.4155, 0.3024, 0.3109

Protanomaly

73.4155, 0.3024, 0.3109

Deuteranomaly

73.3637, 0.3081, 0.3071

Tritanomaly

73.4155, 0.3024, 0.3109

Monochromacy



Original Color

73.4155, 0.3024, 0.3109

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.5320, 0.3095, 0.3226

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.4155, 0.3024, 0.3109 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, 221, 238)` looks like.

```
.text, #text, p{  
    color:rgb(222, 221, 238)  
}
```

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, 221, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 221, 238) }
```

Border

The CSS property to change the border of an element to Yxy 73.4155, 0.3024, 0.3109 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, 221, 238) }
```

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

```
.border{ border-color:rgb(222, 221, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 221, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 221, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 221, 238);  
box-shadow:4px 4px 4px 4px rgb(222, 221,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 73.4155, 0.3024, 0.3109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 221, 238) }
```

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

```
.background{ background-color: rgb(222,  
221, 238) }
```

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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