

Converting Colors

$Y_{xy}(75.2015, 0.3008, 0.3062)$

Have a look what the booklet for
Yxy(75.2015, 0.3008, 0.3062)
contains.

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Color

Yxy(75.4758, 0.3014, 0.3071)

Conversions

Conversions Part 1

Format	Color
Hex	E2DFF4
RGB	226, 223, 244
RGB Percent	89%, 87%, 96%
CMY	0.1137, 0.1254, 0.0433
CMYK	0.07, 0.09, 0.00, 0.04
HSL	249°, 49%, 92%
HSV	249°, 9%, 96%
XYZ	74.0749, 75.4758, 96.2187
YIQ	226.2910, -4.9530, 7.1670

Conversions

Conversions Part 2

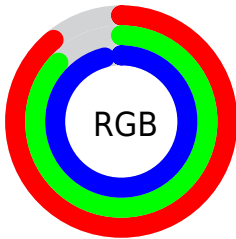
Format	Color
R _Y B	226, 223, 244
Decimal	14868468
CIE Lab	89.62, 4.89, -9.83
CIE LCh	90, 10.979, 296.459
Yxy	75.4758, 0.3014, 0.3071
Android (android.graphics.Color)	4293058548 (0xFFE2DFF4)
YUV	226.2910, 8.7305, -0.2552
Hunter-Lab	86.8768, 0.1624, -4.8517

Details

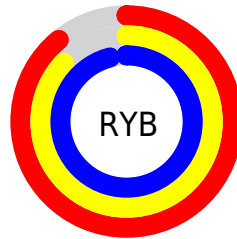
The Yxy color **75.4758, 0.3014, 0.3071** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **88.7013, 0.3235, 0.3503**, and the grayscale version is **76.2135, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.2940, 0.2989, 0.3020** is the 20% darker color. If you saturate the color by 10%, you get **60.1898, 0.2864, 0.2787**, and if you desaturate by 10%, it is **93.0588, 0.3144, 0.3324**.

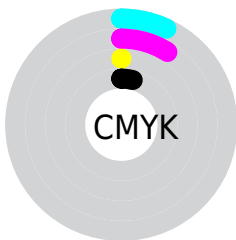
Distribution



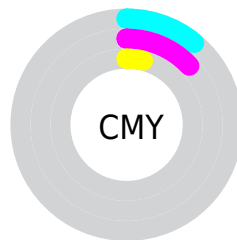
- Red (89%)
- Green (87%)
- Blue (96%)



- Red (89%)
- Yellow (87%)
- Blue (96%)



- Cyan (7%)
- Magenta (9%)
- Yellow (0%)
- Black (4%)



- Cyan (11%)
- Magenta (13%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.4758, 0.3014, 0.3071 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 75.4758, 0.3014, 0.3071 by changing the saturation by 10% instead.

■ 75.4758, 0.3014,
0.3071

■ 75.4758, 0.3014,
0.3071

479.5514, 0.3066,
0.3171

■ 56.0028, 0.3002,
0.3049

126.9856, 0.3032,
0.3105

■ 40.2051, 0.2987,
0.3021

159.7913, 0.3039,
0.3119

■ 27.6985, 0.2969,
0.2987

197.8099, 0.3045,
0.3130

■ 18.0985, 0.2944,
0.2942

241.4258, 0.3051,
0.3140

■ 11.0207, 0.2911,
0.2883

291.0236, 0.3055,
0.3149

■ 6.0808, 0.2863,
0.2798

346.9875, 0.3059,

■ 2.8943, 0.2789,

0.3157

0.2671

409.7019, 0.3063,
0.3164

■ 1.0768, 0.2658,
0.2456

■ 0.0000, 0.1097,
0.0000

■ 75.4758, 0.3014,
0.3071

■ 75.4758, 0.3014,
0.3071

■ 60.1898, 0.2864,
0.2787

■ 93.0588, 0.3144,
0.3324

■ 47.0967, 0.2695,
0.2474

■ 99.3092, 0.3191,
0.3396

■ 36.0981, 0.2510,
0.2139

■ 27.0848, 0.2314,
0.1794

■ 19.9374, 0.2115,
0.1458

■ 14.5237, 0.1928,
0.1154

■ 10.6937, 0.1765,
0.0906

■ 8.2717, 0.1639,
0.0732

■ 7.0112, 0.1557,
0.0636

Harmonies

Analogous

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



75.4758, 0.2917, 0.3083



75.4758, 0.3014, 0.3071



75.4758, 0.3143, 0.3115

Triad

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



75.4758, 0.3014, 0.3071



75.4758, 0.3385, 0.3423



75.4758, 0.2985, 0.3378

Complementary

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



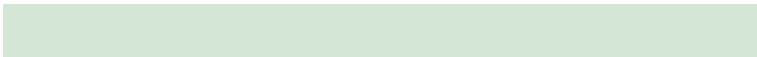
75.4758, 0.3014, 0.3071



88.7013, 0.3235, 0.3503

Split Complementary

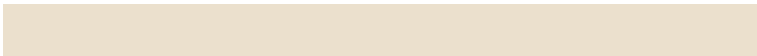
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.4758, 0.3107, 0.3475



75.4758, 0.3014, 0.3071



75.4758, 0.3340, 0.3498

Square

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



75.4758, 0.3014, 0.3071



75.4758, 0.3359, 0.3315



75.4758, 0.3238, 0.3519



75.4758, 0.2901, 0.3258

Rectangle

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



75.4758, 0.3014, 0.3071



75.4758, 0.3230, 0.3170



75.4758, 0.3238, 0.3519



75.4758, 0.3023, 0.3415

Sweetspot

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



75.4790, 0.3014, 0.3071



93.9929, 0.3089, 0.3216



85.2281, 0.2994, 0.3261



19.7832, 0.3079, 0.3196



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.



75.4790, 0.3014, 0.3071



80.8823, 0.2994, 0.3032



77.1911, 0.3084, 0.3076



16.0400, 0.3001, 0.3047



3.7784, 0.1556, 0.0631



0.3661, 0.1650, 0.0682

Inverse Universe

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



78.3564, 0.3157, 0.3109



84.5637, 0.3162, 0.3078



86.9431, 0.3167, 0.3507



16.7253, 0.3160, 0.3089



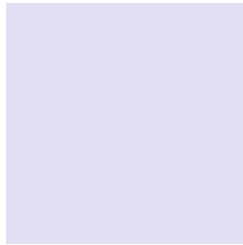
12.9822, 0.3606, 0.1760



1.1519, 0.3548, 0.1728

Previews

White Background



This preview shows how the Yxy color 75.4758, 0.3014, 0.3071 looks on a white background.

Color Contrast Check

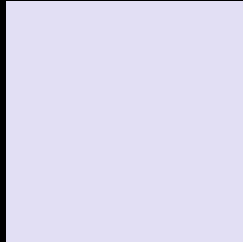
Large Text (above 18pt) WCAG AA × Fail

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 75.4758, 0.3014, 0.3071 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

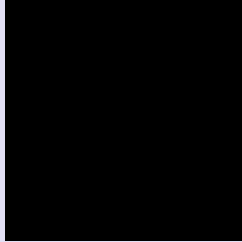
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

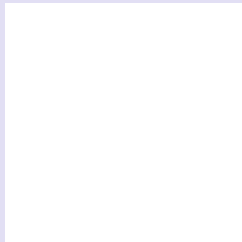
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.4758, 0.3014, 0.3071

Background



This preview shows how black text looks on a background with the Yxy color 75.4758, 0.3014, 0.3071.

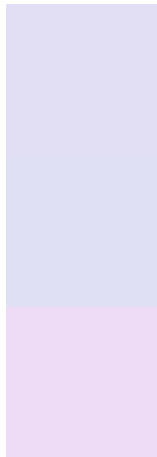


This preview shows how white text looks on a background with the Yxy color 75.4758, 0.3014, 0.3071.

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

75.4758, 0.3014, 0.3071

Protanopia

75.6903, 0.3000, 0.3080

Deuteranopia

75.4328, 0.3090, 0.3025



Tritanopia

75.2950, 0.3033, 0.3101

Trichromacy



Original Color

75.4758, 0.3014, 0.3071

Protanomaly

75.8505, 0.3007, 0.3081

Deuteranomaly

75.2714, 0.3062, 0.3033

Tritanomaly

75.3549, 0.3026, 0.3091

Monochromacy



Original Color

75.4758, 0.3014, 0.3071

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.9024, 0.3083, 0.3205

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.4758, 0.3014, 0.3071 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(226, 223, 244)` looks like.

```
.text, #text, p{  
    color:rgb(226, 223, 244)  
}
```

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(226, 223, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 223, 244) }
```

Border

The CSS property to change the border of an element to Yxy 75.4758, 0.3014, 0.3071 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(226, 223, 244) }
```

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

```
.border{ border-color:rgb(226, 223, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 223, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 223, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 223, 244);  
box-shadow:4px 4px 4px 4px rgb(226, 223,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 75.4758, 0.3014, 0.3071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 223, 244) }
```

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

```
.background{ background-color: rgb(226,  
223, 244) }
```

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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