

Converting Colors

Yxy(74.8915, 0.3026, 0.3059)

Have a look what the booklet for
Yxy(74.8915, 0.3026, 0.3059)
contains.

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Color

Yxy(75.1051, 0.3021, 0.3060)

Conversions

Conversions Part 1

Format	Color
Hex	E3DEF4
RGB	227, 222, 244
RGB Percent	89%, 87%, 96%
CMY	0.1095, 0.1295, 0.0431
CMYK	0.07, 0.09, 0.00, 0.04
HSL	254°, 50%, 91%
HSV	254°, 9%, 96%
XYZ	74.1479, 75.1051, 96.1885
YIQ	226.0030, -4.0820, 7.9020

Conversions

Conversions Part 2

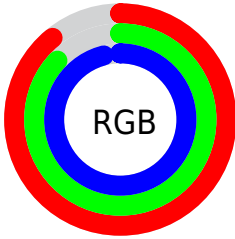
Format	Color
R_{YB}	227, 222, 244
Decimal	14933748
CIE _{Lab}	89.44, 5.79, -10.11
CIE _{LCh}	89, 11.648, 299.803
Yxy	75.1051, 0.3021, 0.3060
Android (android.graphics.Color)	4293123828 (0xFFE3DEF4)
YUV	226.0030, 8.8725, 0.8744
Hunter-Lab	86.6632, 1.0616, -5.1424

Details

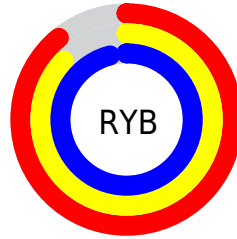
The Yxy color **75.1051, 0.3021, 0.3060** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **88.3214, 0.3228, 0.3515**, and the grayscale version is **76.0016, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.0389, 0.2997, 0.3007** is the 20% darker color. If you saturate the color by 10%, you get **60.1843, 0.2886, 0.2778**, and if you desaturate by 10%, it is **92.2404, 0.3138, 0.3313**.

Distribution



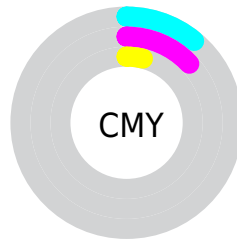
- Red (89%)
- Green (87%)
- Blue (96%)



- 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 75.1051, 0.3021, 0.3060 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 75.1051, 0.3021, 0.3060 by changing the saturation by 10% instead.

75.1051, 0.3021,
0.3060

75.1051, 0.3021,
0.3060

478.2787, 0.3070,
0.3165

55.6990, 0.3010,
0.3037

126.4611, 0.3038,
0.3096

39.9616, 0.2996,
0.3008

159.1798, 0.3045,
0.3110

27.5086, 0.2978,
0.2972

197.1049, 0.3050,
0.3122

17.9556, 0.2955,
0.2925

240.6206, 0.3055,
0.3133

10.9181, 0.2923,
0.2863

290.1115, 0.3060,
0.3142

6.0118, 0.2878,
0.2775

345.9619, 0.3064,

2.8523, 0.2807,

0.3150

0.2641

408.5562, 0.3067,
0.3158

■ 1.0551, 0.2681,
0.2417

■ 0.0000, 0.1144,
0.0000

■ 75.1051, 0.3021,
0.3060

■ 75.1051, 0.3021,
0.3060

■ 60.1843, 0.2886,
0.2778

■ 92.2404, 0.3138,
0.3313

■ 47.3778, 0.2734,
0.2470

■ 99.3126, 0.3191,
0.3395

■ 36.5915, 0.2565,
0.2143

■ 27.7205, 0.2384,
0.1808

■ 20.6504, 0.2198,
0.1483

■ 15.2544, 0.2018,
0.1189

■ 11.3884, 0.1855,
0.0946

■ 8.8832, 0.1721,
0.0773

■ 7.4904, 0.1622,
0.0671

Harmonies

Analogous

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



75.1051, 0.2913, 0.3066



75.1051, 0.3021, 0.3060



75.1051, 0.3160, 0.3113

Triad

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



75.1051, 0.3021, 0.3060



75.1051, 0.3399, 0.3442



75.1051, 0.2963, 0.3370

Complementary

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



75.1051, 0.3021, 0.3060



88.3214, 0.3228, 0.3515

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.



75.1051, 0.3090, 0.3478



75.1051, 0.3021, 0.3060



75.1051, 0.3344, 0.3517

Square

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



75.1051, 0.3021, 0.3060



75.1051, 0.3381, 0.3330



75.1051, 0.3230, 0.3531



75.1051, 0.2880, 0.3242

Rectangle

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



75.1051, 0.3021, 0.3060



75.1051, 0.3251, 0.3174



75.1051, 0.3230, 0.3531



75.1051, 0.3002, 0.3410

Sweetspot

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



75.1083, 0.3021, 0.3060



94.1173, 0.3093, 0.3216



83.9341, 0.2987, 0.3240



19.8167, 0.3084, 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.



75.1083, 0.3021, 0.3060



79.5276, 0.2996, 0.3006



76.9031, 0.3094, 0.3065



16.1115, 0.3015, 0.3048



4.0658, 0.1626, 0.0669



0.4020, 0.1744, 0.0734

Inverse Universe

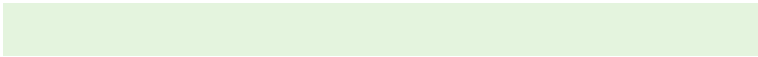
The Inverse Universe completely reimagines the original color for something new.



77.6960, 0.3171, 0.3119



82.9802, 0.3182, 0.3080



86.5148, 0.3157, 0.3519



16.6989, 0.3173, 0.3110



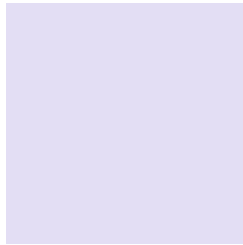
12.4447, 0.3897, 0.1920



1.1093, 0.3793, 0.1863

Previews

White Background



This preview shows how the Yxy color 75.1051, 0.3021, 0.3060 looks on a white background.

Color Contrast Check

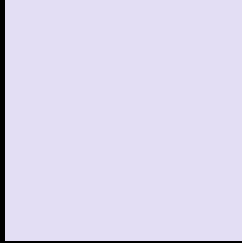
Large Text (above 18pt) WCAG AA × Fail

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 75.1051, 0.3021, 0.3060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

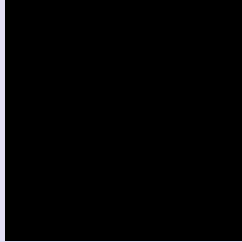
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

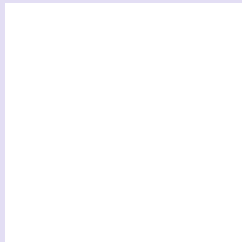
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.1051, 0.3021, 0.3060

Background



This preview shows how black text looks on a background with the Yxy color 75.1051, 0.3021, 0.3060.



This preview shows how white text looks on a background with the Yxy color 75.1051, 0.3021, 0.3060.

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

75.1051, 0.3021, 0.3060

Protanopia

75.0559, 0.2987, 0.3059

Deuteranopia

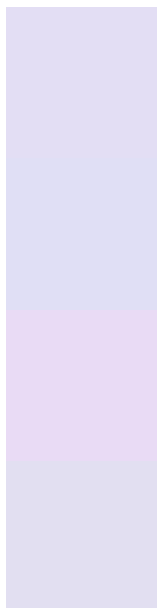
74.7399, 0.3084, 0.3014



Tritanopia

75.2354, 0.3039, 0.3111

Trichromacy



Original Color

75.1051, 0.3021, 0.3060

Protanomaly

75.2152, 0.2994, 0.3059

Deuteranomaly

74.5792, 0.3056, 0.3022

Tritanomaly

75.2950, 0.3033, 0.3101

Monochromacy



Original Color

75.1051, 0.3021, 0.3060

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 75.1051, 0.3021, 0.3060 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(227, 222, 244)` looks like.

```
.text, #text, p{  
    color:rgb(227, 222, 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(227, 222, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 222, 244) }
```

Border

The CSS property to change the border of an element to Yxy 75.1051, 0.3021, 0.3060 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(227, 222, 244) }
```

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

```
.border{ border-color:rgb(227, 222, 244) }
```

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

Here you see how a box with a 4 pixel rgb(227, 222, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 222, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 222, 244);  
box-shadow:4px 4px 4px 4px rgb(227, 222,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 75.1051, 0.3021, 0.3060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 222, 244) }
```

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

```
.background{ background-color: rgb(227,  
222, 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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