

Converting Colors

$Y_{xy}(75.0088, 0.2977, 0.2979)$

Have a look what the booklet for
Yxy(75.0088, 0.2977, 0.2979)
contains.

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Color

Yxy(75.0088, 0.2977, 0.2979)

Conversions

Conversions Part 1

Format	Color
Hex	E3DDFB
RGB	227, 221, 251
RGB Percent	89%, 87%, 98%
CMY	0.1097, 0.1334, 0.0155
CMYK	0.10, 0.12, 0.00, 0.02
HSL	252°, 79%, 93%
HSV	252°, 12%, 98%
XYZ	74.9584, 75.0088, 101.8246
YIQ	226.2140, -6.0540, 10.6020

Conversions

Conversions Part 2

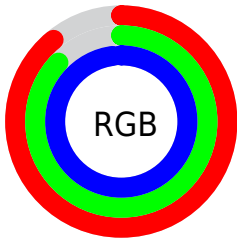
Format	Color
R _Y B	227, 221, 251
Decimal	14933499
CIE Lab	89.40, 7.65, -13.86
CIE LCh	89, 15.835, 298.907
Yxy	75.0088, 0.2977, 0.2979
Android (android.graphics.Color)	4293123579 (0xFFE3DDFB)
YUV	226.2140, 12.2195, 0.6893
Hunter-Lab	86.6076, 2.9275, -9.0820

Details

The Yxy color **75.0088, 0.2977, 0.2979** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **93.6512, 0.3267, 0.3590**, and the grayscale version is **76.1349, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.9381, 0.2949, 0.2916** is the 20% darker color. If you saturate the color by 10%, you get **59.6579, 0.2831, 0.2687**, and if you desaturate by 10%, it is **92.7280, 0.3104, 0.3242**.

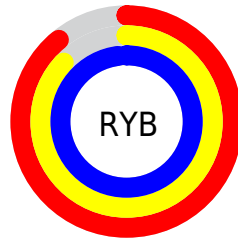
Distribution



Red (89%)

Green (87%)

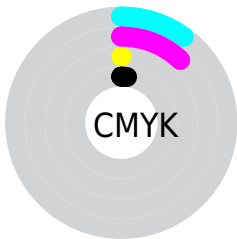
Blue (98%)



Red (89%)

Yellow (87%)

Blue (98%)

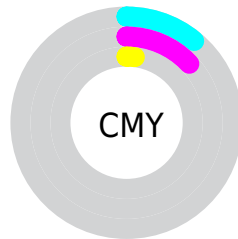


Cyan (10%)

Magenta (12%)

Yellow (0%)

Black (2%)



Cyan (11%)

Magenta (13%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.0088, 0.2977, 0.2979 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 75.0088, 0.2977, 0.2979 by changing the saturation by 10% instead.

75.0088, 0.2977,
0.2979

75.0088, 0.2977,
0.2979

477.9478, 0.3047,
0.3120

55.6201, 0.2961,
0.2948

126.3248, 0.3001,
0.3027

39.8984, 0.2941,
0.2909

159.0209, 0.3011,
0.3046

27.4593, 0.2916,
0.2861

196.9216, 0.3019,
0.3062

17.9185, 0.2884,
0.2800

240.4113, 0.3026,
0.3077

10.8915, 0.2839,
0.2717

289.8744, 0.3032,
0.3089

5.9939, 0.2776,
0.2603

345.6952, 0.3037,

2.8414, 0.2677,

0.3101

0.2431

408.2582, 0.3042,
0.3111

■ 1.0495, 0.2504,
0.2151

■ 0.0000, 0.1210,
0.0000

■ 75.0088, 0.2977,
0.2979

■ 75.0088, 0.2977,
0.2979

■ 59.6579, 0.2831,
0.2687

■ 92.7280, 0.3104,
0.3242

■ 46.5652, 0.2667,
0.2370

■ 99.7474, 0.3150,
0.3328

■ 35.6259, 0.2488,
0.2035

■ 26.7230, 0.2299,
0.1697

■ 19.7284, 0.2109,
0.1375

■ 14.4993, 0.1930,
0.1091

■ 10.8718, 0.1776,
0.0867

■ 8.6507, 0.1656,
0.0718

■ 7.6566, 0.1587,
0.0648

Harmonies

Analogous

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



75.0088, 0.2834, 0.2987



75.0088, 0.2977, 0.2979



75.0088, 0.3164, 0.3048

Triad

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



75.0088, 0.2977, 0.2979



75.0088, 0.3499, 0.3490



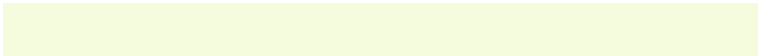
75.0088, 0.2909, 0.3404

Complementary

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



75.0088, 0.2977, 0.2979



93.6512, 0.3267, 0.3590

Split Complementary

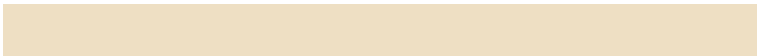
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.0088, 0.3082, 0.3551



75.0088, 0.2977, 0.2979



75.0088, 0.3425, 0.3596

Square

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



75.0088, 0.2977, 0.2979



75.0088, 0.3471, 0.3337



75.0088, 0.3271, 0.3621



75.0088, 0.2795, 0.3227

Rectangle

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



75.0088, 0.2977, 0.2979



75.0088, 0.3290, 0.3129



75.0088, 0.3271, 0.3621



75.0088, 0.2962, 0.3459

Sweetspot

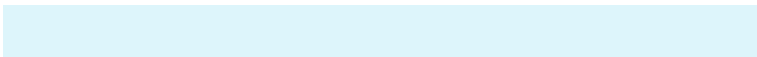
The Sweet Spot groups the original color and five complimentary colors.



75.0120, 0.2977, 0.2979



92.1506, 0.3080, 0.3191



87.6608, 0.2942, 0.3228



19.4178, 0.3071, 0.3172



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.



75.0120, 0.2977, 0.2979



74.2849, 0.2949, 0.2922



77.5580, 0.3079, 0.2989



16.8109, 0.3010, 0.3047



4.0715, 0.1598, 0.0654



0.4194, 0.1703, 0.0712

Inverse Universe

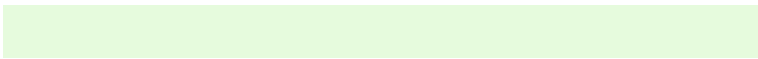
The Inverse Universe completely reimagines the original color for something new.



78.8180, 0.3181, 0.3052



78.8463, 0.3191, 0.3011



91.0623, 0.3170, 0.3599



17.4613, 0.3169, 0.3102



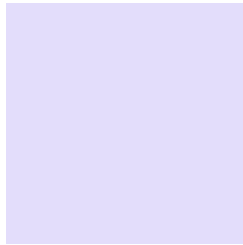
13.0081, 0.3794, 0.1864



1.2194, 0.3711, 0.1818

Previews

White Background



This preview shows how the Yxy color 75.0088, 0.2977, 0.2979 looks on a white background.

Color Contrast Check

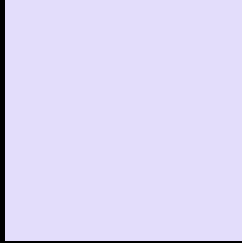
Large Text (above 18pt) WCAG AA × Fail

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 75.0088, 0.2977, 0.2979 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

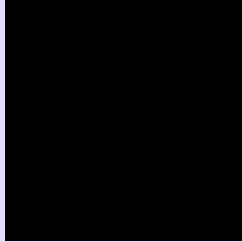
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.0088, 0.2977, 0.2979

Background



This preview shows how black text looks on a background with the Yxy color 75.0088, 0.2977, 0.2979.

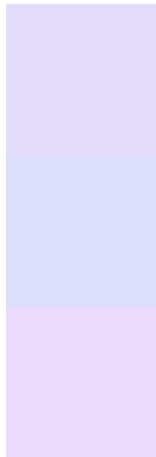


This preview shows how white text looks on a background with the Yxy color 75.0088, 0.2977, 0.2979.

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

75.0088, 0.2977, 0.2979

Protanopia

75.0193, 0.2925, 0.2986

Deuteranopia

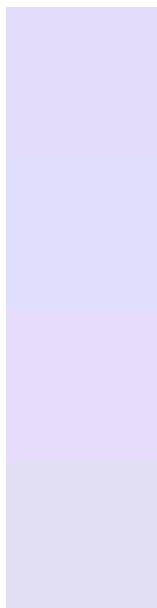
75.1837, 0.3018, 0.2953



Tritanopia

75.0742, 0.3032, 0.3111

Trichromacy



Original Color

75.0088, 0.2977, 0.2979

Protanomaly

74.9588, 0.2944, 0.2978

Deuteranomaly

75.2036, 0.2998, 0.2962

Tritanomaly

74.9430, 0.3014, 0.3060

Monochromacy



Original Color

75.0088, 0.2977, 0.2979

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.4782, 0.3070, 0.3174

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.0088, 0.2977, 0.2979 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, 221, 251)` looks like.

```
.text, #text, p{  
    color:rgb(227, 221, 251)  
}
```

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, 221, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 221, 251) }
```

Border

The CSS property to change the border of an element to Yxy 75.0088, 0.2977, 0.2979 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, 221, 251) }
```

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

```
.border{ border-color:rgb(227, 221, 251) }
```

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

Here you see how a box with a 4 pixel rgb(227, 221, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 221, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 221, 251);  
box-shadow:4px 4px 4px 4px rgb(227, 221,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 75.0088, 0.2977, 0.2979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 221, 251) }
```

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

```
.background{ background-color: rgb(227,  
221, 251) }
```

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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