

Converting Colors

$Y_{xy}(73.8228, 0.3015, 0.2956)$

Have a look what the booklet for
Yxy(73.8228, 0.3015, 0.2956)
contains.

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Color

Yxy(73.6836, 0.3017, 0.2951)

Conversions

Conversions Part 1

Format	Color
Hex	E8D9FA
RGB	232, 217, 250
RGB Percent	91%, 85%, 98%
CMY	0.0904, 0.1489, 0.0197
CMYK	0.07, 0.13, 0.00, 0.02
HSL	267°, 77%, 92%
HSV	267°, 13%, 98%
XYZ	75.3316, 73.6836, 100.6751
YIQ	225.2470, -1.6530, 13.4430

Conversions

Conversions Part 2

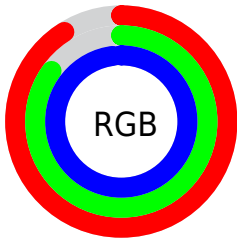
Format	Color
R _Y B	232, 217, 250
Decimal	15260154
CIE Lab	88.77, 11.11, -14.20
CIE LCh	89, 18.030, 308.042
Yxy	73.6836, 0.3017, 0.2951
Android (android.graphics.Color)	4293450234 (0xFFE8D9FA)
YUV	225.2470, 12.2032, 5.9224
Hunter-Lab	85.8392, 6.4312, -9.4500

Details

The Yxy color **73.6836, 0.3017, 0.2951** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **91.0395, 0.3227, 0.3627**, and the grayscale version is **75.3905, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.9210, 0.2992, 0.2879** is the 20% darker color. If you saturate the color by 10%, you get **59.5598, 0.2917, 0.2669**, and if you desaturate by 10%, it is **89.9436, 0.3103, 0.3212**.

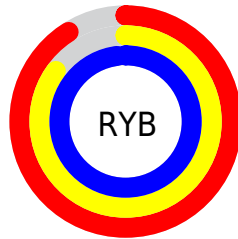
Distribution



Red (91%)

Green (85%)

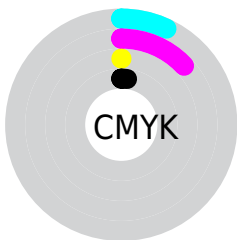
Blue (98%)



Red (91%)

Yellow (85%)

Blue (98%)

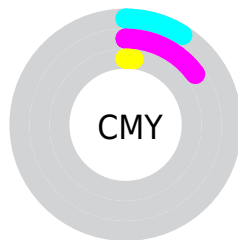


Cyan (7%)

Magenta (13%)

Yellow (0%)

Black (2%)



Cyan (9%)


Magenta (15%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.6836, 0.3017, 0.2951 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 73.6836, 0.3017, 0.2951 by changing the saturation by 10% instead.

 73.6836, 0.3017,
0.2951

 73.6836, 0.3017,
0.2951

473.3806, 0.3069,
0.3104

 54.5351, 0.3005,
0.2917


124.4472, 0.3035,
0.3003

 39.0296, 0.2990,
0.2875


156.8311, 0.3042,
0.3024

 26.7828, 0.2971,
0.2823


194.3956, 0.3048,
0.3042

 17.4102, 0.2945,
0.2757

237.5250, 0.3054,
0.3057

 10.5274, 0.2911,
0.2668

286.6039, 0.3058,
0.3071

 5.7500, 0.2860,
0.2544

342.0165, 0.3062,

 2.6937, 0.2779,

0.3083

0.2360

404.1473, 0.3066,
0.3094

■ 0.9740, 0.2635,
0.2060

■ 0.0000, 0.1440,
0.0000

■ 73.6836, 0.3017,
0.2951

■ 73.6836, 0.3017,
0.2951

■ 59.5598, 0.2917,
0.2669

■ 89.9436, 0.3103,
0.3212

■ 47.4712, 0.2804,
0.2371

■ 99.6807, 0.3156,
0.3338

■ 37.3227, 0.2677,
0.2064

■ 29.0076, 0.2539,
0.1762

■ 22.4086, 0.2396,
0.1479

■ 17.3941, 0.2252,
0.1231

■ 13.8126, 0.2115,
0.1033

■ 11.4807, 0.1991,
0.0895

■ 10.4265, 0.1917,
0.0830

Harmonies

Analogous

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



73.6836, 0.2833, 0.2932



73.6836, 0.3017, 0.2951



73.6836, 0.3236, 0.3053

Triad

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



73.6836, 0.3017, 0.2951



73.6836, 0.3540, 0.3562



73.6836, 0.2829, 0.3359

Complementary

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



73.6836, 0.3017, 0.2951



91.0395, 0.3227, 0.3627

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.



73.6836, 0.3010, 0.3546



73.6836, 0.3017, 0.2951



73.6836, 0.3422, 0.3661

Square

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



73.6836, 0.3017, 0.2951



73.6836, 0.3544, 0.3398



73.6836, 0.3226, 0.3658



73.6836, 0.2728, 0.3159

Rectangle

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



73.6836, 0.3017, 0.2951



73.6836, 0.3373, 0.3156



73.6836, 0.3226, 0.3658



73.6836, 0.2882, 0.3426

Sweetspot

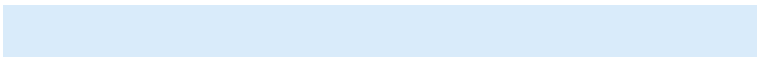
The Sweet Spot groups the original color and five complimentary colors.



73.6867, 0.3017, 0.2951



92.6209, 0.3096, 0.3191



81.1582, 0.2921, 0.3135



19.5365, 0.3090, 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.



73.6867, 0.3017, 0.2951



72.6843, 0.2990, 0.2873



76.5560, 0.3131, 0.2963



17.0280, 0.3050, 0.3050



5.6145, 0.1934, 0.0839



0.5820, 0.2065, 0.0911

Inverse Universe

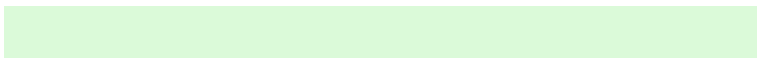
The Inverse Universe completely reimagines the original color for something new.



75.9595, 0.3243, 0.3109



75.5408, 0.3272, 0.3068



88.3778, 0.3121, 0.3638



17.3841, 0.3208, 0.3161



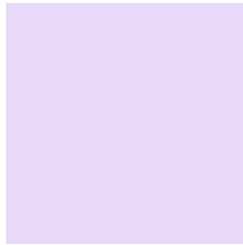
11.7644, 0.4763, 0.2398



1.1110, 0.4526, 0.2267

Previews

White Background



This preview shows how the Yxy color 73.6836, 0.3017, 0.2951 looks on a white background.

Color Contrast Check

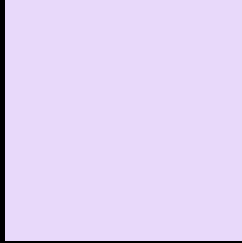
Large Text (above 18pt) WCAG AA × Fail

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 73.6836, 0.3017, 0.2951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

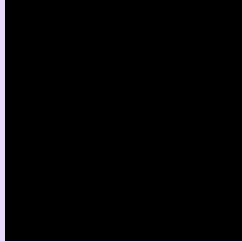
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

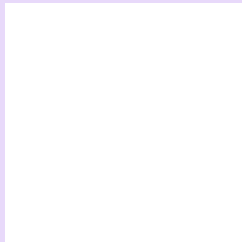
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.6836, 0.3017, 0.2951

Background



This preview shows how black text looks on a background with the Yxy color 73.6836, 0.3017, 0.2951.

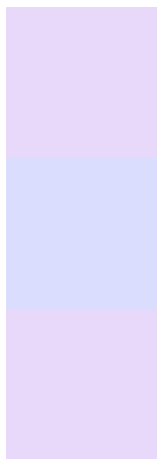


This preview shows how white text looks on a background with the Yxy color 73.6836, 0.3017, 0.2951.

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

73.6836, 0.3017, 0.2951

Protanopia

73.7102, 0.2905, 0.2954

Deuteranopia

73.6836, 0.3017, 0.2951



Tritanopia

73.6005, 0.3087, 0.3101

Trichromacy



Original Color

73.6836, 0.3017, 0.2951

Protanomaly

73.9026, 0.2944, 0.2956

Deuteranomaly

73.6836, 0.3017, 0.2951

Tritanomaly

73.5425, 0.3061, 0.3040

Monochromacy



Original Color

73.6836, 0.3017, 0.2951

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

74.6770, 0.3091, 0.3164

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.6836, 0.3017, 0.2951 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(232, 217, 250)` looks like.

```
.text, #text, p{  
    color:rgb(232, 217, 250)  
}
```

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(232, 217, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 217, 250) }
```

Border

The CSS property to change the border of an element to Yxy 73.6836, 0.3017, 0.2951 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(232, 217, 250) }
```

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

```
.border{ border-color:rgb(232, 217, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 217, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 217, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 217, 250);  
box-shadow:4px 4px 4px 4px rgb(232, 217,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 73.6836, 0.3017, 0.2951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 217, 250) }
```

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

```
.background{ background-color: rgb(232,  
217, 250) }
```

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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