

Converting Colors

$Y_{xy}(73.4975, 0.3042, 0.3020)$

Have a look what the booklet for
Yxy(73.4975, 0.3042, 0.3020)
contains.

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Color

Yxy(73.4975, 0.3042, 0.3020)

Conversions

Conversions Part 1

Format	Color
Hex	E6DAF4
RGB	230, 218, 244
RGB Percent	90%, 85%, 96%
CMY	0.0980, 0.1451, 0.0433
CMYK	0.06, 0.11, 0.00, 0.04
HSL	268°, 54%, 91%
HSV	268°, 11%, 96%
XYZ	74.0329, 73.4975, 95.8388
YIQ	224.5520, -1.1940, 10.6300

Conversions

Conversions Part 2

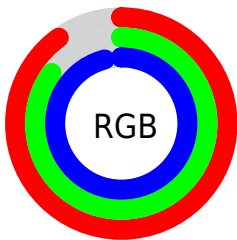
Format	Color
R _Y B	230, 218, 244
Decimal	15129332
CIE Lab	88.68, 8.82, -11.18
CIE LCh	89, 14.239, 308.260
Yxy	73.4975, 0.3042, 0.3020
Android (android.graphics.Color)	4293319412 (0xFFE6DAF4)
YUV	224.5520, 9.5879, 4.7779
Hunter-Lab	85.7307, 4.1154, -6.2691

Details

The Yxy color $73.4975, 0.3042, 0.3020$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $86.8853, 0.3206, 0.3559$, and the grayscale version is $74.8898, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $38.8239, 0.3015, 0.2954$ is the 20% darker color. If you saturate the color by 10%, you get $59.6779, 0.2948, 0.2744$, and if you desaturate by 10%, it is $89.3484, 0.3122, 0.3275$.

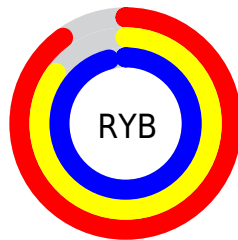
Distribution



Red (90%)

Green (85%)

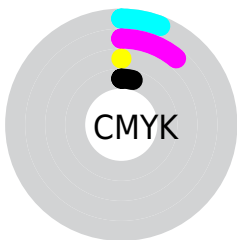
Blue (96%)



Red (90%)

Yellow (85%)

Blue (96%)

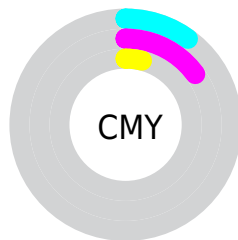


Cyan (6%)

Magenta (11%)

Yellow (0%)

Black (4%)



Cyan (10%)

Magenta (15%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.4975, 0.3042, 0.3020 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 73.4975, 0.3042, 0.3020 by changing the saturation by 10% instead.

 73.4975, 0.3042,
0.3020

 73.4975, 0.3042,
0.3020


472.7373, 0.3082,
0.3143

 54.3829, 0.3033,
0.2993


124.1832, 0.3056,
0.3062

 38.9078, 0.3021,
0.2959

156.5231, 0.3061,
0.3079

 26.6880, 0.3006,
0.2917


194.0402, 0.3066,
0.3093

 17.3391, 0.2987,
0.2862

237.1188, 0.3070,
0.3105

 10.4765, 0.2960,
0.2789

286.1435, 0.3074,
0.3116

 5.7160, 0.2921,
0.2687

341.4985, 0.3077,

 2.6732, 0.2858,

0.3126

0.2532

403.5683, 0.3080,
0.3135

0.9636, 0.2744,
0.2273

0.0000, 0.1098,
0.0000

73.4975, 0.3042,
0.3020

73.4975, 0.3042,
0.3020

59.6779, 0.2948,
0.2744

89.3484, 0.3122,
0.3275

47.7957, 0.2840,
0.2450

99.3092, 0.3191,
0.3396

37.7634, 0.2719,
0.2147

29.4828, 0.2587,
0.1844

■ 22.8464, 0.2446,
0.1556

■ 17.7346, 0.2304,
0.1299

■ 14.0104, 0.2167,
0.1089

■ 11.5110, 0.2040,
0.0935

■ 10.0359, 0.1936,
0.0840

Harmonies

Analogous

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



73.4975, 0.2895, 0.3005



73.4975, 0.3042, 0.3020



73.4975, 0.3215, 0.3102

Triad

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



73.4975, 0.3042, 0.3020



73.4975, 0.3452, 0.3508



73.4975, 0.2890, 0.3344

Complementary

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



73.4975, 0.3042, 0.3020



86.8853, 0.3206, 0.3559

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.



73.4975, 0.3034, 0.3490



73.4975, 0.3042, 0.3020



73.4975, 0.3360, 0.3583

Square

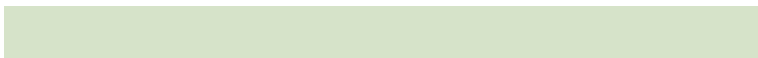
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.4975, 0.3042, 0.3020



73.4975, 0.3456, 0.3379



73.4975, 0.3206, 0.3578



73.4975, 0.2809, 0.3187

Rectangle

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



73.4975, 0.3042, 0.3020



73.4975, 0.3323, 0.3185



73.4975, 0.3206, 0.3578



73.4975, 0.2932, 0.3396

Sweetspot

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



73.5006, 0.3042, 0.3020



94.4449, 0.3105, 0.3216



79.3060, 0.2962, 0.3167



19.9049, 0.3098, 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.



73.5006, 0.3042, 0.3020



77.4213, 0.3021, 0.2956



75.6688, 0.3130, 0.3027



16.3026, 0.3052, 0.3050



5.5384, 0.1953, 0.0849



0.5472, 0.2090, 0.0925

Inverse Universe

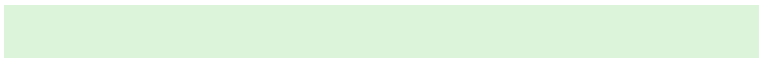
The Inverse Universe completely reimagines the original color for something new.



75.1939, 0.3220, 0.3148



79.6936, 0.3244, 0.3115



84.8460, 0.3123, 0.3566



16.6313, 0.3209, 0.3164



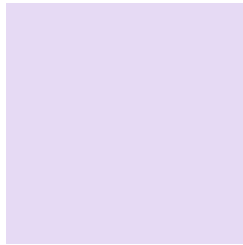
11.3775, 0.4804, 0.2420



1.0207, 0.4548, 0.2279

Previews

White Background



This preview shows how the Yxy color 73.4975, 0.3042, 0.3020 looks on a white background.

Color Contrast Check

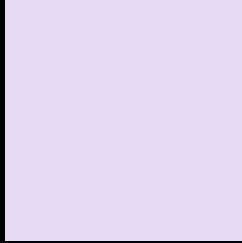
Large Text (above 18pt) WCAG AA × Fail

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 73.4975, 0.3042, 0.3020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

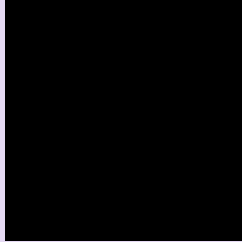
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

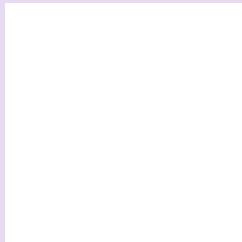
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.4975, 0.3042, 0.3020

Background



This preview shows how black text looks on a background with the Yxy color 73.4975, 0.3042, 0.3020.

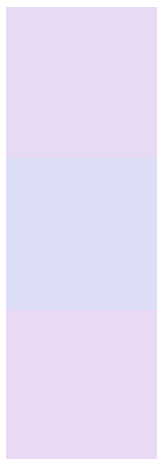


This preview shows how white text looks on a background with the Yxy color 73.4975, 0.3042, 0.3020.

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

73.4975, 0.3042, 0.3020

Protanopia

73.5824, 0.2961, 0.3026

Deuteranopia

73.6498, 0.3070, 0.3011



Tritanopia

73.4355, 0.3080, 0.3101

Trichromacy



Original Color

73.4975, 0.3042, 0.3020

Protanomaly

73.6263, 0.2994, 0.3027

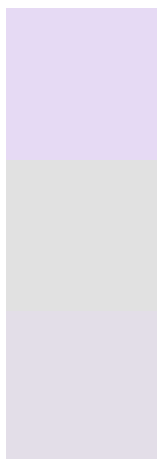
Deuteranomaly

73.4810, 0.3063, 0.3011

Tritanomaly

73.6123, 0.3060, 0.3070

Monochromacy



Original Color

73.4975, 0.3042, 0.3020

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

74.3996, 0.3097, 0.3184

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.4975, 0.3042, 0.3020 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(230, 218, 244)` looks like.

```
.text, #text, p{  
    color:rgb(230, 218, 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(230, 218, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 218, 244) }
```

Border

The CSS property to change the border of an element to Yxy 73.4975, 0.3042, 0.3020 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(230, 218, 244) }
```

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

```
.border{ border-color:rgb(230, 218, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 218, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 218, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 218, 244);  
box-shadow:4px 4px 4px 4px rgb(230, 218,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 73.4975, 0.3042, 0.3020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 218, 244) }
```

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

```
.background{ background-color: rgb(230,  
218, 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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