

Converting Colors

$Yxy(73.1929, 0.2999, 0.2952)$

Have a look what the booklet for
Yxy(73.1929, 0.2999, 0.2952)
contains.

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Color

Yxy(73.1858, 0.2997, 0.2948)

Conversions

Conversions Part 1

Format	Color
Hex	E5D9FA
RGB	229, 217, 250
RGB Percent	90%, 85%, 98%
CMY	0.1017, 0.1491, 0.0195
CMYK	0.08, 0.13, 0.00, 0.02
HSL	262°, 77%, 92%
HSV	262°, 13%, 98%
XYZ	74.4023, 73.1858, 100.6677
YIQ	224.3500, -3.4410, 12.8070

Conversions

Conversions Part 2

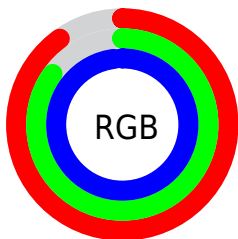
Format	Color
R _Y B	229, 217, 250
Decimal	15063546
CIE Lab	88.54, 10.22, -14.60
CIE LCh	89, 17.824, 304.986
Yxy	73.1858, 0.2997, 0.2948
Android (android.graphics.Color)	4293253626 (0xFFE5D9FA)
YUV	224.3500, 12.6455, 4.0781
Hunter-Lab	85.5487, 5.5324, -9.8842

Details

The Yxy color **73.1858, 0.2997, 0.2948** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **91.5605, 0.3246, 0.3626**, and the grayscale version is **74.7233, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.5752, 0.2965, 0.2875** is the 20% darker color. If you saturate the color by 10%, you get **58.7726, 0.2880, 0.2661**, and if you desaturate by 10%, it is **89.7957, 0.3098, 0.3211**.

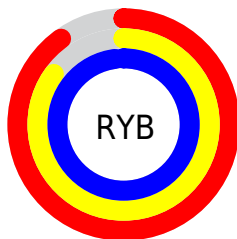
Distribution



Red (90%)

Green (85%)

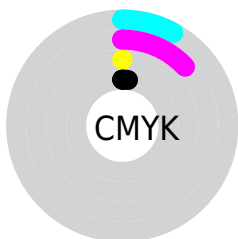
Blue (98%)



Red (90%)

Yellow (85%)

Blue (98%)

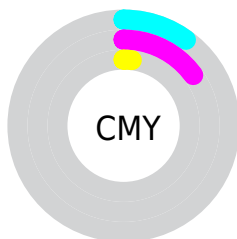


Cyan (8%)

Magenta (13%)

Yellow (0%)

Black (2%)



Cyan (10%)


Magenta (15%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.1858, 0.2997, 0.2948 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 73.1858, 0.2997, 0.2948 by changing the saturation by 10% instead.


 73.1858, 0.2997,
0.2948

 73.1858, 0.2997,
0.2948


471.6585, 0.3058,
0.3103

 54.1279, 0.2983,
0.2914


123.7409, 0.3018,
0.3001

 38.7039, 0.2965,
0.2871


156.0070, 0.3027,
0.3022

 26.5295, 0.2943,
0.2819


193.4445, 0.3034,
0.3040

 17.2202, 0.2913,
0.2751

236.4379, 0.3040,
0.3056

 10.3916, 0.2873,
0.2660

285.3717, 0.3045,
0.3069

 5.6594, 0.2814,
0.2534

340.6301, 0.3050,

 2.6391, 0.2721,

0.3082

0.2346

402.5976, 0.3054,
0.3093

■ 0.9463, 0.2556,
0.2039

■ 0.0000, 0.1016,
0.0000

■ 73.1858, 0.2997,
0.2948

■ 73.1858, 0.2997,
0.2948

■ 58.7726, 0.2880,
0.2661

■ 89.7957, 0.3098,
0.3211

■ 46.4529, 0.2748,
0.2355

■ 99.6838, 0.3156,
0.3337

■ 36.1290, 0.2601,
0.2038

■ 27.6915, 0.2444,
0.1723

■ 21.0203, 0.2282,
0.1426

■ 15.9807, 0.2122,
0.1166

■ 12.4180, 0.1975,
0.0959

■ 10.1450, 0.1848,
0.0816

■ 9.1554, 0.1775,
0.0751

Harmonies

Analogous

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



73.1858, 0.2821, 0.2938



73.1858, 0.2997, 0.2948



73.1858, 0.3213, 0.3042

Triad

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



73.1858, 0.2997, 0.2948



73.1858, 0.3542, 0.3545



73.1858, 0.2847, 0.3379

Complementary

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



73.1858, 0.2997, 0.2948



91.5605, 0.3246, 0.3626

Split Complementary

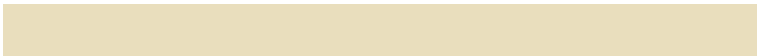
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.1858, 0.3032, 0.3559



73.1858, 0.2997, 0.2948



73.1858, 0.3435, 0.3652

Square

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



73.1858, 0.2997, 0.2948



73.1858, 0.3534, 0.3379



73.1858, 0.3247, 0.3660



73.1858, 0.2737, 0.3179

Rectangle

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



73.1858, 0.2997, 0.2948



73.1858, 0.3351, 0.3140



73.1858, 0.3247, 0.3660



73.1858, 0.2902, 0.3444

Sweetspot

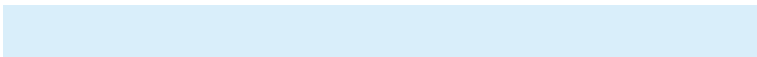
The Sweet Spot groups the original color and five complimentary colors.



73.1889, 0.2997, 0.2948



92.4581, 0.3091, 0.3191



83.0690, 0.2922, 0.3169



19.4954, 0.3083, 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.



73.1889, 0.2997, 0.2948



72.0951, 0.2966, 0.2870



75.9430, 0.3108, 0.2959



16.9524, 0.3036, 0.3049



4.9295, 0.1791, 0.0760



0.5143, 0.1921, 0.0832

Inverse Universe

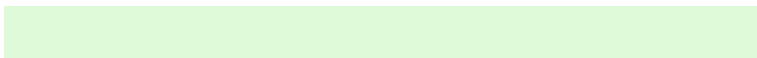
The Inverse Universe completely reimagines the original color for something new.



76.1119, 0.3224, 0.3080



75.7494, 0.3247, 0.3034



88.9154, 0.3142, 0.3637



17.4104, 0.3194, 0.3141



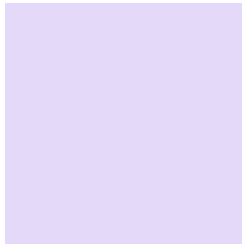
12.1272, 0.4405, 0.2200



1.1436, 0.4224, 0.2101

Previews

White Background



This preview shows how the Yxy color 73.1858, 0.2997, 0.2948 looks on a white background.

Color Contrast Check

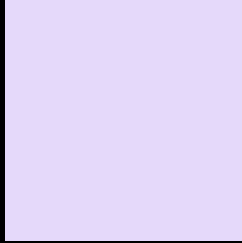
Large Text (above 18pt) WCAG AA × Fail

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 73.1858, 0.2997, 0.2948 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

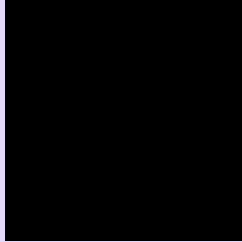
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.1858, 0.2997, 0.2948

Background



This preview shows how black text looks on a background with the Yxy color 73.1858, 0.2997, 0.2948.

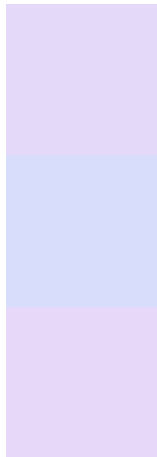


This preview shows how white text looks on a background with the Yxy color 73.1858, 0.2997, 0.2948.

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

73.1858, 0.2997, 0.2948

Protanopia

73.4929, 0.2905, 0.2963

Deuteranopia

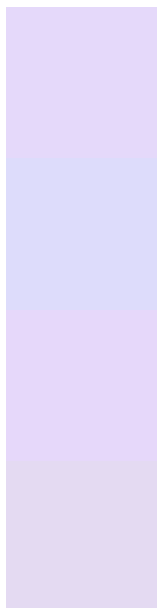
73.0028, 0.3010, 0.2939



Tritanopia

73.1084, 0.3066, 0.3100

Trichromacy



Original Color

73.1858, 0.2997, 0.2948

Protanomaly

73.5236, 0.2937, 0.2965

Deuteranomaly

72.8369, 0.3003, 0.2939

Tritanomaly

73.0476, 0.3041, 0.3039

Monochromacy



Original Color

73.1858, 0.2997, 0.2948

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

73.7648, 0.3084, 0.3163

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.1858, 0.2997, 0.2948 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(229, 217, 250)` looks like.

```
.text, #text, p{  
    color:rgb(229, 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(229, 217, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 217, 250) }
```

Border

The CSS property to change the border of an element to Yxy 73.1858, 0.2997, 0.2948 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(229, 217, 250) }
```

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

```
.border{ border-color:rgb(229, 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(229, 217, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 217, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 217, 250);  
box-shadow:4px 4px 4px 4px rgb(229, 217,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 73.1858, 0.2997, 0.2948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 217, 250) }
```

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

```
.background{ background-color: rgb(229,  
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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