

Converting Colors

$Yxy(72.6093, 0.3003, 0.2948)$

Have a look what the booklet for
Yxy(72.6093, 0.3003, 0.2948)
contains.

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Color

Yxy(72.6093, 0.3003, 0.2948)

Conversions

Conversions Part 1

Format	Color
Hex	E5D8F9
RGB	229, 216, 249
RGB Percent	90%, 85%, 98%
CMY	0.1020, 0.1529, 0.0236
CMYK	0.08, 0.13, 0.00, 0.02
HSL	264°, 73%, 91%
HSV	264°, 13%, 98%
XYZ	73.9640, 72.6093, 99.7270
YIQ	223.6490, -2.8450, 13.0190

Conversions

Conversions Part 2

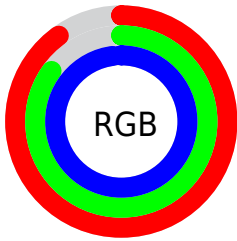
Format	Color
R _{YB}	229, 216, 249
Decimal	15063289
CIE _{Lab}	88.26, 10.50, -14.47
CIE _{LCh}	88, 17.877, 305.967
Y _{xy}	72.6093, 0.3003, 0.2948
Android (android.graphics.Color)	4293253369 (0xFFE5D8F9)
YUV	223.6490, 12.4980, 4.6928
Hunter-Lab	85.2111, 5.8201, -9.7424

Details

The Yxy color $72.6093, 0.3003, 0.2948$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $90.5346, 0.3240, 0.3627$, and the grayscale version is $74.1894, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $38.2242, 0.2965, 0.2862$ is the 20% darker color. If you saturate the color by 10%, you get $58.4296, 0.2892, 0.2663$, and if you desaturate by 10%, it is $88.9441, 0.3099, 0.3210$.

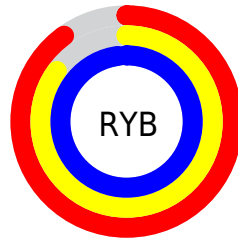
Distribution



Red (90%)

Green (85%)

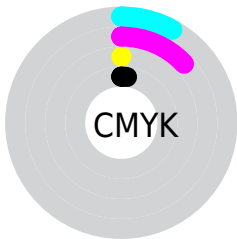
Blue (98%)



Red (90%)

Yellow (85%)

Blue (98%)

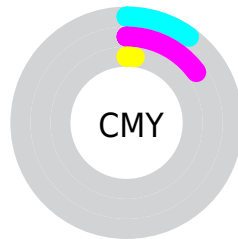


Cyan (8%)

Magenta (13%)

Yellow (0%)

Black (2%)



Cyan (10%)


Magenta (15%)

Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.6093, 0.3003, 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 72.6093, 0.3003, 0.2948 by changing the saturation by 10% instead.


 72.6093, 0.3003,
0.2948

 72.6093, 0.3003,
0.2948

469.6596, 0.3062,
0.3103

 53.6566, 0.2989,
0.2913

122.9224, 0.3023,
0.3001

 38.3272, 0.2973,
0.2871


155.0515, 0.3031,
0.3022

 26.2367, 0.2951,
0.2818


192.3416, 0.3038,
0.3040

 17.0008, 0.2923,
0.2750

235.1770, 0.3044,
0.3056

 10.2351, 0.2883,
0.2659

283.9421, 0.3049,
0.3070

 5.5551, 0.2826,
0.2532

339.0213, 0.3054,

 2.5765, 0.2736,

0.3082

0.2343

400.7990, 0.3058,
0.3093

0.9149, 0.2574,
0.2032

0.0000, 0.0838,
0.0000

72.6093, 0.3003,
0.2948

72.6093, 0.3003,
0.2948

58.4296, 0.2892,
0.2663

88.9441, 0.3099,
0.3210

46.3036, 0.2765,
0.2359

99.6187, 0.3162,
0.3347

36.1354, 0.2625,
0.2046

27.8176, 0.2473,
0.1735

■ 21.2321, 0.2317,
0.1442

■ 16.2470, 0.2162,
0.1185

■ 12.7098, 0.2017,
0.0981

■ 10.4366, 0.1891,
0.0839

■ 9.4371, 0.1817,
0.0775

Harmonies

Analogous

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



72.6093, 0.2824, 0.2935



72.6093, 0.3003, 0.2948



72.6093, 0.3221, 0.3045

Triad

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



72.6093, 0.3003, 0.2948



72.6093, 0.3542, 0.3552



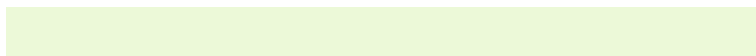
72.6093, 0.2840, 0.3373

Complementary

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



72.6093, 0.3003, 0.2948



90.5346, 0.3240, 0.3627

Split Complementary

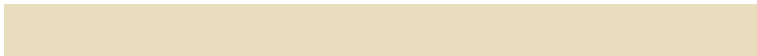
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.6093, 0.3024, 0.3556



72.6093, 0.3003, 0.2948



72.6093, 0.3432, 0.3656

Square

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



72.6093, 0.3003, 0.2948



72.6093, 0.3538, 0.3385



72.6093, 0.3241, 0.3660



72.6093, 0.2733, 0.3172

Rectangle

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



72.6093, 0.3003, 0.2948



72.6093, 0.3359, 0.3145



72.6093, 0.3241, 0.3660



72.6093, 0.2895, 0.3439

Sweetspot

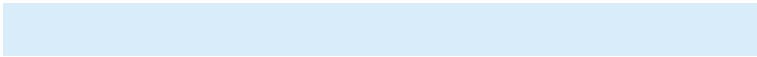
The Sweet Spot groups the original color and five complimentary colors.



72.6124, 0.3003, 0.2948



92.5098, 0.3092, 0.3191



81.6291, 0.2921, 0.3157



19.5085, 0.3085, 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.



72.6124, 0.3003, 0.2948



72.2811, 0.2974, 0.2871



75.3929, 0.3115, 0.2960



16.9763, 0.3041, 0.3049



5.1287, 0.1833, 0.0783



0.5344, 0.1965, 0.0856

Inverse Universe

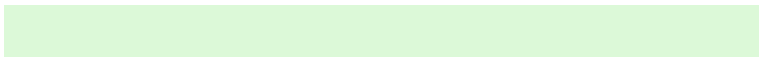
The Inverse Universe completely reimagines the original color for something new.



75.3103, 0.3230, 0.3089



75.6827, 0.3255, 0.3045



87.8947, 0.3135, 0.3638



17.4020, 0.3199, 0.3147



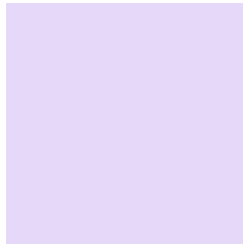
12.0046, 0.4517, 0.2262



1.1327, 0.4318, 0.2152

Previews

White Background



This preview shows how the Yxy color 72.6093, 0.3003, 0.2948 looks on a white background.

Color Contrast Check

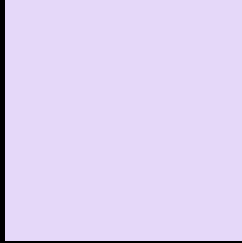
Large Text (above 18pt) WCAG AA × Fail

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 72.6093, 0.3003, 0.2948 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

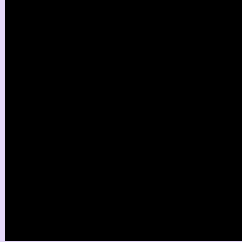
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

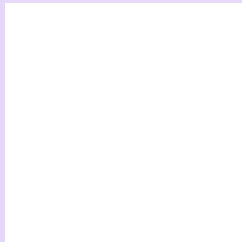
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.6093, 0.3003, 0.2948

Background



This preview shows how black text looks on a background with the Yxy color 72.6093, 0.3003, 0.2948.

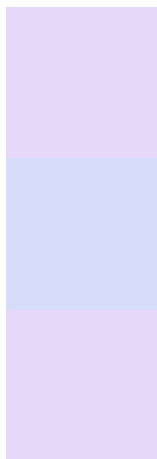


This preview shows how white text looks on a background with the Yxy color 72.6093, 0.3003, 0.2948.

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

72.6093, 0.3003, 0.2948

Protanopia

72.7504, 0.2904, 0.2962

Deuteranopia

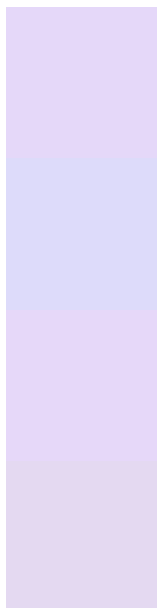
72.7743, 0.3010, 0.2949



Tritanopia

72.5298, 0.3072, 0.3100

Trichromacy



Original Color

72.6093, 0.3003, 0.2948

Protanomaly

72.9373, 0.2943, 0.2964

Deuteranomaly

72.7743, 0.3010, 0.2949

Tritanomaly

72.4706, 0.3047, 0.3038

Monochromacy



Original Color

72.6093, 0.3003, 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 72.6093, 0.3003, 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, 216, 249)` looks like.

```
.text, #text, p{  
    color:rgb(229, 216, 249)  
}
```

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, 216, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 216, 249) }
```

Border

The CSS property to change the border of an element to Yxy 72.6093, 0.3003, 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, 216, 249) }
```

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

```
.border{ border-color:rgb(229, 216, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 216, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 216, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 216, 249);  
box-shadow:4px 4px 4px 4px rgb(229, 216,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 72.6093, 0.3003, 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, 216, 249) }
```

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

```
.background{ background-color: rgb(229,  
216, 249) }
```

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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