

Converting Colors

$Yxy(72.1694, 0.3024, 0.2930)$

Have a look what the booklet for
Yxy(72.1694, 0.3024, 0.2930)
contains.

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Color

Yxy(72.0885, 0.3024, 0.2929)

Conversions

Conversions Part 1

Format	Color
Hex	E8D6F9
RGB	232, 214, 249
RGB Percent	91%, 84%, 98%
CMY	0.0901, 0.1608, 0.0236
CMYK	0.07, 0.14, 0.00, 0.02
HSL	271°, 74%, 91%
HSV	271°, 14%, 98%
XYZ	74.4266, 72.0885, 99.6047
YIQ	223.3720, -0.5070, 14.7010

Conversions

Conversions Part 2

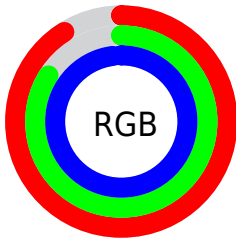
Format	Color
R _Y B	232, 214, 249
Decimal	15259385
CIE Lab	88.01, 12.53, -14.82
CIE LCh	88, 19.409, 310.222
Yxy	72.0885, 0.3024, 0.2929
Android (android.graphics.Color)	4293449465 (0xFFE8D6F9)
YUV	223.3720, 12.6346, 7.5668
Hunter-Lab	84.9049, 7.8873, -10.1215

Details

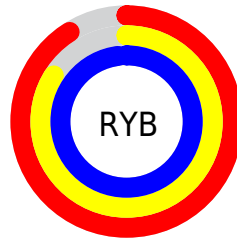
The Yxy color $72.0885, 0.3024, 0.2929$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $89.5844, 0.3219, 0.3652$, and the grayscale version is $73.9818, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $37.8766, 0.2992, 0.2838$ is the 20% darker color. If you saturate the color by 10%, you get $58.4846, 0.2936, 0.2649$, and if you desaturate by 10%, it is $87.7637, 0.3100, 0.3190$.

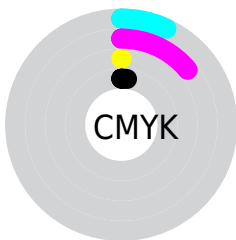
Distribution



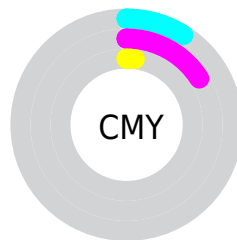
- Red (91%)
- Green (84%)
- Blue (98%)



- Red (91%)
- Yellow (84%)
- Blue (98%)



- Cyan (7%)
- Magenta (14%)
- Yellow (0%)
- Black (2%)





- Cyan (9%)
- Magenta (16%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.0885, 0.3024, 0.2929 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 72.0885, 0.3024, 0.2929 by changing the saturation by 10% instead.

 72.0885, 0.3024,
0.2929

 72.0885, 0.3024,
0.2929

467.8496, 0.3073,
0.3092

 53.2310, 0.3012,
0.2893


122.1823, 0.3041,
0.2985

 37.9872, 0.2998,
0.2848

154.1875, 0.3048,
0.3007

 25.9727, 0.2980,
0.2793


191.3439, 0.3054,
0.3026

 16.8033, 0.2955,
0.2721

234.0360, 0.3059,
0.3042

 10.0943, 0.2921,
0.2626

282.6483, 0.3063,
0.3057

 5.4615, 0.2871,
0.2493

337.5650, 0.3067,

 2.5205, 0.2791,

0.3070

0.2296

399.1706, 0.3070,
0.3082

0.8869, 0.2644,
0.1974

0.0000, 0.1083,
0.0000

72.0885, 0.3024,
0.2929

72.0885, 0.3024,
0.2929

58.4846, 0.2936,
0.2649

87.7637, 0.3100,
0.3190

46.8528, 0.2834,
0.2355

99.6189, 0.3162,
0.3347

37.0995, 0.2721,
0.2057

29.1196, 0.2598,
0.1765

■ 22.7972, 0.2469,
0.1495

■ 18.0023, 0.2339,
0.1261

■ 14.5841, 0.2213,
0.1077

■ 12.3593, 0.2098,
0.0949

■ 11.4448, 0.2035,
0.0895

Harmonies

Analogous

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



72.0885, 0.2821, 0.2901



72.0885, 0.3024, 0.2929



72.0885, 0.3262, 0.3045

Triad

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



72.0885, 0.3024, 0.2929



72.0885, 0.3569, 0.3595



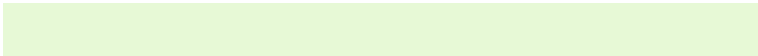
72.0885, 0.2793, 0.3348

Complementary

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



72.0885, 0.3024, 0.2929



89.5844, 0.3219, 0.3652

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.



72.0885, 0.2983, 0.3556



72.0885, 0.3024, 0.2929



72.0885, 0.3433, 0.3696

Square

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



72.0885, 0.3024, 0.2929



72.0885, 0.3584, 0.3420



72.0885, 0.3217, 0.3685



72.0885, 0.2691, 0.3132

Rectangle

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



72.0885, 0.3024, 0.2929



72.0885, 0.3408, 0.3158



72.0885, 0.3217, 0.3685



72.0885, 0.2848, 0.3422

Sweetspot

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



72.0916, 0.3024, 0.2929



92.7375, 0.3100, 0.3191



78.5648, 0.2907, 0.3105



19.5661, 0.3095, 0.3173



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.



72.0916, 0.3024, 0.2929



71.6200, 0.2999, 0.2848



75.0705, 0.3143, 0.2942



17.0825, 0.3060, 0.3051



6.2118, 0.2051, 0.0904



0.6384, 0.2178, 0.0974

Inverse Universe

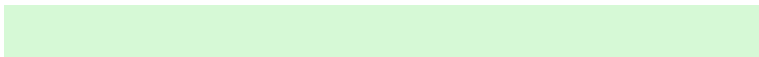
The Inverse Universe completely reimagines the original color for something new.



73.9996, 0.3267, 0.3118



74.0369, 0.3302, 0.3080



86.8964, 0.3110, 0.3664



17.3655, 0.3218, 0.3175



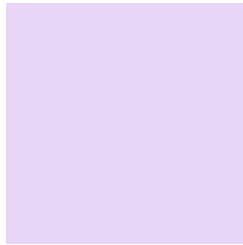
11.5450, 0.5026, 0.2542



1.0906, 0.4751, 0.2391

Previews

White Background



This preview shows how the Yxy color 72.0885, 0.3024, 0.2929 looks on a white background.

Color Contrast Check

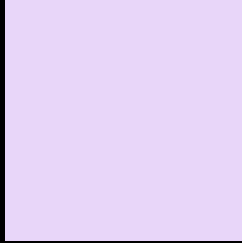
Large Text (above 18pt) WCAG AA × Fail

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 72.0885, 0.3024, 0.2929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

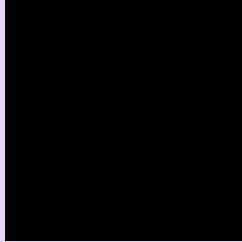
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

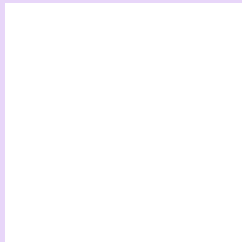
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.0885, 0.3024, 0.2929

Background



This preview shows how black text looks on a background with the Yxy color 72.0885, 0.3024, 0.2929.

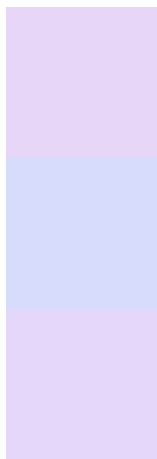


This preview shows how white text looks on a background with the Yxy color 72.0885, 0.3024, 0.2929.

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

72.0885, 0.3024, 0.2929

Protanopia

72.1384, 0.2891, 0.2940

Deuteranopia

72.0984, 0.3003, 0.2937



Tritanopia

72.3892, 0.3107, 0.3111

Trichromacy



Original Color

72.0885, 0.3024, 0.2929

Protanomaly

71.9629, 0.2936, 0.2933

Deuteranomaly

72.2634, 0.3010, 0.2938

Tritanomaly

72.3327, 0.3081, 0.3050

Monochromacy



Original Color

72.0885, 0.3024, 0.2929

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.1813, 0.3091, 0.3162

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.0885, 0.3024, 0.2929 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, 214, 249)` looks like.

```
.text, #text, p{  
    color:rgb(232, 214, 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(232, 214, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 214, 249) }
```

Border

The CSS property to change the border of an element to Yxy 72.0885, 0.3024, 0.2929 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, 214, 249) }
```

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

```
.border{ border-color:rgb(232, 214, 249) }
```

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

Here you see how a box with a 4 pixel rgb(232, 214, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 214, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 214, 249);  
box-shadow:4px 4px 4px 4px rgb(232, 214,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 72.0885, 0.3024, 0.2929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 214, 249) }
```

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

```
.background{ background-color: rgb(232,  
214, 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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