

Converting Colors

$Yxy(72.1451, 0.3037, 0.2844)$

Have a look what the booklet for
Yxy(72.1451, 0.3037, 0.2844)
contains.

Yxy(72.1593, 0.3034, 0.2846)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(72.1593, 0.3034, 0.2846)

Conversions

Conversions Part 1

Format	Color
Hex	EFD3FF
RGB	239, 211, 255
RGB Percent	94%, 83%, 100%
CMY	0.0629, 0.1725, 0.0001
CMYK	0.06, 0.17, 0.00, 0.00
HSL	278°, 100%, 91%
HSV	278°, 17%, 100%
XYZ	76.9260, 72.1593, 104.4611
YIQ	224.3880, 2.5640, 19.6200

Conversions

Conversions Part 2

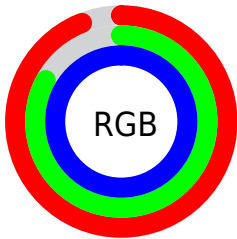
Format	Color
R _Y B	239, 211, 255
Decimal	15717375
CIE Lab	88.05, 17.49, -17.87
CIE LCh	88, 25.002, 314.387
Yxy	72.1593, 0.3034, 0.2846
Android (android.graphics.Color)	4293907455 (0xFFEFD3FF)
YUV	224.3880, 15.0917, 12.8147
Hunter-Lab	84.9466, 12.9894, -13.4478

Details

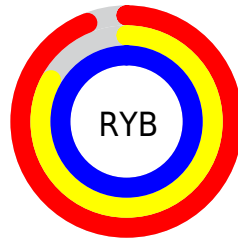
The Yxy color $72.1593, 0.3034, 0.2846$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $92.5485, 0.3206, 0.3746$, and the grayscale version is $74.7200, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $37.9214, 0.3013, 0.2746$ is the 20% darker color. If you saturate the color by 10%, you get $58.9043, 0.2967, 0.2569$, and if you desaturate by 10%, it is $87.5131, 0.3091, 0.3110$.

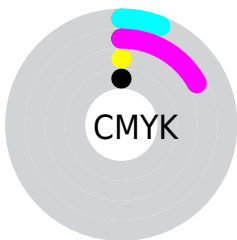
Distribution



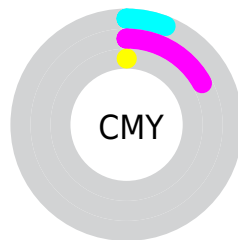
- Red (94%)
- Green (83%)
- Blue (100%)



- Red (94%)
- Yellow (83%)
- Blue (100%)



- Cyan (6%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)





- Cyan (6%)
- Magenta (17%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.1593, 0.3034, 0.2846 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 72.1593, 0.3034, 0.2846 by changing the saturation by 10% instead.


 72.1593, 0.3034,
0.2846

 72.1593, 0.3034,
0.2846

468.0959, 0.3080,
0.3045

 53.2888, 0.3023,
0.2802


122.2830, 0.3050,
0.2914

 38.0334, 0.3009,
0.2749


154.3050, 0.3056,
0.2940

 26.0086, 0.2992,
0.2682

191.4796, 0.3062,
0.2964

 16.8301, 0.2968,
0.2597

234.1912, 0.3066,
0.2984

 10.1134, 0.2935,
0.2485

282.8243, 0.3070,
0.3002

 5.4742, 0.2886,
0.2331

337.7631, 0.3074,

 2.5281, 0.2806,

0.3018

0.2106

399.3922, 0.3077,
0.3032

0.8907, 0.2658,
0.1752

0.0000, 0.1791,
0.0000

72.1593, 0.3034,
0.2846

72.1593, 0.3034,
0.2846

58.9043, 0.2967,
0.2569

87.5131, 0.3091,
0.3110

47.6430, 0.2890,
0.2285

99.9985, 0.3127,
0.3290

38.2753, 0.2803,
0.2004

30.6883, 0.2709,
0.1739

■ 24.7567, 0.2610,
0.1501

■ 20.3385, 0.2510,
0.1304

■ 17.2670, 0.2412,
0.1157

■ 15.3274, 0.2320,
0.1060

■ 14.9028, 0.2295,
0.1038

Harmonies

Analogous

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



72.1593, 0.2765, 0.2791



72.1593, 0.3034, 0.2846



72.1593, 0.3341, 0.3005

Triad

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



72.1593, 0.3034, 0.2846



72.1593, 0.3680, 0.3703



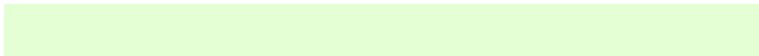
72.1593, 0.2673, 0.3322

Complementary

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



72.1593, 0.3034, 0.2846



92.5485, 0.3206, 0.3746

Split Complementary

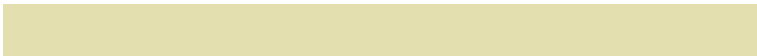
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.1593, 0.2901, 0.3602



72.1593, 0.3034, 0.2846



72.1593, 0.3484, 0.3822

Square

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



72.1593, 0.3034, 0.2846



72.1593, 0.3725, 0.3485



72.1593, 0.3197, 0.3790



72.1593, 0.2565, 0.3048

Rectangle

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



72.1593, 0.3034, 0.2846



72.1593, 0.3524, 0.3152



72.1593, 0.3197, 0.3790



72.1593, 0.2737, 0.3419

Sweetspot

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



72.1624, 0.3034, 0.2846



91.2623, 0.3103, 0.3167



76.0864, 0.2852, 0.2996



19.2805, 0.3099, 0.3149



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.



72.1624, 0.3034, 0.2846



66.9472, 0.3010, 0.2743



74.7035, 0.3187, 0.2916



17.9500, 0.3079, 0.3052



7.8760, 0.2309, 0.1046



0.8287, 0.2411, 0.1102

Inverse Universe

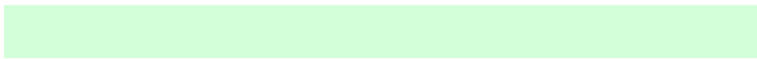
The Inverse Universe completely reimagines the original color for something new.



73.4053, 0.3343, 0.3130



68.4623, 0.3401, 0.3093



90.3618, 0.3072, 0.3695



18.0965, 0.3237, 0.3204



11.5475, 0.5526, 0.2818



1.1445, 0.5214, 0.2646

Previews

White Background



This preview shows how the Yxy color 72.1593, 0.3034, 0.2846 looks on a white background.

Color Contrast Check

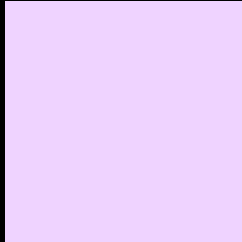
Large Text (above 18pt) WCAG AA × Fail

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 72.1593, 0.3034, 0.2846 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

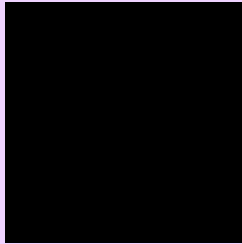
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

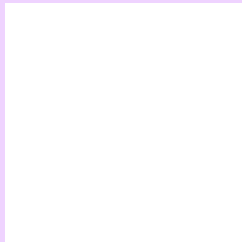
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.1593, 0.3034, 0.2846

Background



This preview shows how black text looks on a background with the Yxy color 72.1593, 0.3034, 0.2846.

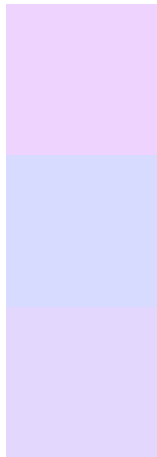


This preview shows how white text looks on a background with the Yxy color 72.1593, 0.3034, 0.2846.

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

72.1593, 0.3034, 0.2846

Protanopia

72.1792, 0.2866, 0.2909

Deuteranopia

72.0875, 0.2958, 0.2886



Tritanopia

72.0892, 0.3157, 0.3112

Trichromacy



Original Color

72.1593, 0.3034, 0.2846

Protanomaly

72.0197, 0.2925, 0.2884

Deuteranomaly

72.2378, 0.2985, 0.2879

Tritanomaly

72.2173, 0.3111, 0.3021

Monochromacy



Original Color

72.1593, 0.3034, 0.2846

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

73.3192, 0.3093, 0.3122

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.1593, 0.3034, 0.2846 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(239, 211, 255)` looks like.

```
.text, #text, p{  
    color:rgb(239, 211, 255)  
}
```

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(239, 211, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 211, 255) }
```

Border

The CSS property to change the border of an element to Yxy 72.1593, 0.3034, 0.2846 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(239, 211, 255) }
```

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

```
.border{ border-color:rgb(239, 211, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 211, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 211, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 211, 255);  
box-shadow:4px 4px 4px 4px rgb(239, 211,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 72.1593, 0.3034, 0.2846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 211, 255) }
```

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

```
.background{ background-color: rgb(239,  
211, 255) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor