

Converting Colors

$Y_{xy}(72.7307, 0.3053, 0.2904)$

Have a look what the booklet for
Yxy(72.7307, 0.3053, 0.2904)
contains.

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Color

Yxy(72.7307, 0.3053, 0.2904)

Conversions

Conversions Part 1

Format	Color
Hex	EED5FB
RGB	238, 213, 251
RGB Percent	93%, 84%, 98%
CMY	0.0667, 0.1647, 0.0158
CMYK	0.05, 0.15, 0.00, 0.02
HSL	279°, 83%, 91%
HSV	279°, 15%, 98%
XYZ	76.4624, 72.7307, 101.2570
YIQ	224.8070, 2.7020, 17.1180

Conversions

Conversions Part 2

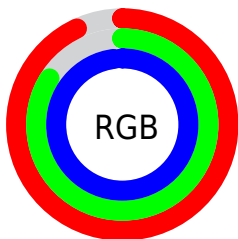
Format	Color
R _Y B	238, 213, 251
Decimal	15652347
CIE Lab	88.32, 15.37, -15.36
CIE LCh	88, 21.727, 315.025
Yxy	72.7307, 0.3053, 0.2904
Android (android.graphics.Color)	4293842427 (0xFFEED5FB)
YUV	224.8070, 12.9131, 11.5703
Hunter-Lab	85.2823, 10.7955, -10.6983

Details

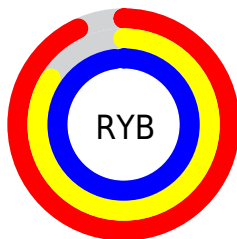
The Yxy color **72.7307, 0.3053, 0.2904** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **89.9538, 0.3191, 0.3686**, and the grayscale version is **75.0544, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.2938, 0.3038, 0.2820** is the 20% darker color. If you saturate the color by 10%, you get **59.6188, 0.2993, 0.2631**, and if you desaturate by 10%, it is **87.8734, 0.3104, 0.3164**.

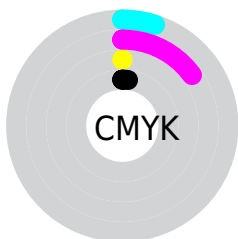
Distribution



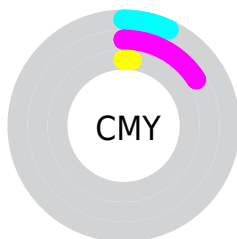
- Red (93%)
- Green (84%)
- Blue (98%)



- Red (93%)
- Yellow (84%)
- Blue (98%)



- Cyan (5%)
- Magenta (15%)
- Yellow (0%)
- Black (2%)




- Cyan (7%)
- Magenta (16%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.7307, 0.3053, 0.2904 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 72.7307, 0.3053, 0.2904 by changing the saturation by 10% instead.

 72.7307, 0.3053,
0.2904

 72.7307, 0.3053,
0.2904

470.0809, 0.3089,
0.3078

 53.7558, 0.3044,
0.2866


123.0948, 0.3066,
0.2963

 38.4065, 0.3033,
0.2819


155.2528, 0.3071,
0.2987

 26.2983, 0.3019,
0.2760


192.5740, 0.3075,
0.3007

 17.0469, 0.3001,
0.2685

235.4427, 0.3079,
0.3024

 10.2680, 0.2974,
0.2586

284.2434, 0.3082,
0.3040

 5.5770, 0.2935,
0.2448

339.3604, 0.3085,

 2.5896, 0.2871,

0.3054

0.2245

401.1781, 0.3087,
0.3066

0.9214, 0.2750,
0.1919

0.0000, 0.1855,
0.0000

72.7307, 0.3053,
0.2904

72.7307, 0.3053,
0.2904

59.6188, 0.2993,
0.2631

87.8734, 0.3104,
0.3164

48.4379, 0.2923,
0.2350

99.7437, 0.3150,
0.3328

39.0935, 0.2844,
0.2071

31.4793, 0.2758,
0.1805

■ 25.4780, 0.2666,
0.1566

■ 20.9572, 0.2572,
0.1364

■ 17.7626, 0.2479,
0.1209

■ 15.7046, 0.2390,
0.1105

■ 14.9798, 0.2348,
0.1067

Harmonies

Analogous

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



72.7307, 0.2817, 0.2855



72.7307, 0.3053, 0.2904



72.7307, 0.3319, 0.3045

Triad

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



72.7307, 0.3053, 0.2904



72.7307, 0.3604, 0.3654



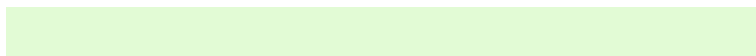
72.7307, 0.2729, 0.3314

Complementary

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



72.7307, 0.3053, 0.2904



89.9538, 0.3191, 0.3686

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.



72.7307, 0.2927, 0.3554



72.7307, 0.3053, 0.2904



72.7307, 0.3433, 0.3751

Square

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



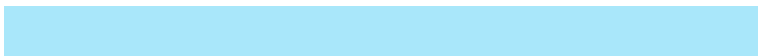
72.7307, 0.3053, 0.2904



72.7307, 0.3645, 0.3467



72.7307, 0.3184, 0.3718



72.7307, 0.2636, 0.3078

Rectangle

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



72.7307, 0.3053, 0.2904



72.7307, 0.3475, 0.3176



72.7307, 0.3184, 0.3718



72.7307, 0.2785, 0.3397

Sweetspot

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



72.7338, 0.3053, 0.2904



91.3156, 0.3105, 0.3167



75.6671, 0.2887, 0.3028



19.2935, 0.3102, 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.



72.7338, 0.3053, 0.2904



71.2738, 0.3037, 0.2826



74.7090, 0.3183, 0.2969



17.2101, 0.3083, 0.3052



7.9591, 0.2362, 0.1075



0.7957, 0.2464, 0.1131

Inverse Universe

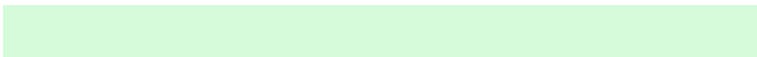
The Inverse Universe completely reimagines the original color for something new.



73.5897, 0.3318, 0.3159



72.3351, 0.3362, 0.3132



88.2281, 0.3076, 0.3634



17.3232, 0.3240, 0.3209



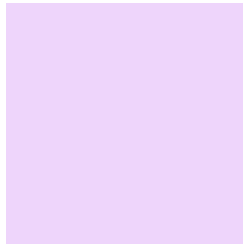
11.1567, 0.5612, 0.2865



1.0523, 0.5279, 0.2682

Previews

White Background



This preview shows how the Yxy color 72.7307, 0.3053, 0.2904 looks on a white background.

Color Contrast Check

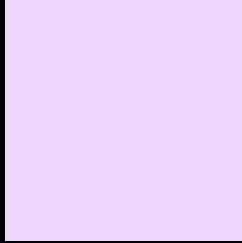
Large Text (above 18pt) WCAG AA × Fail

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 72.7307, 0.3053, 0.2904 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

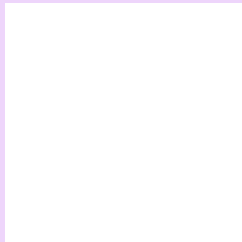
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.7307, 0.3053, 0.2904

Background



This preview shows how black text looks on a background with the Yxy color 72.7307, 0.3053, 0.2904.

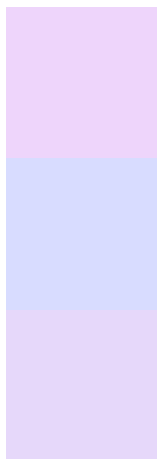


This preview shows how white text looks on a background with the Yxy color 72.7307, 0.3053, 0.2904.

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

72.7307, 0.3053, 0.2904

Protanopia

73.0053, 0.2880, 0.2922

Deuteranopia

72.8369, 0.3003, 0.2939



Tritanopia

72.6571, 0.3150, 0.3113

Trichromacy



Original Color

72.7307, 0.3053, 0.2904

Protanomaly

72.6288, 0.2938, 0.2905

Deuteranomaly

72.8266, 0.3024, 0.2930

Tritanomaly

72.7250, 0.3111, 0.3032

Monochromacy



Original Color

72.7307, 0.3053, 0.2904

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

74.4764, 0.3105, 0.3154

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.7307, 0.3053, 0.2904 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(238, 213, 251)` looks like.

```
.text, #text, p{  
    color:rgb(238, 213, 251)  
}
```

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(238, 213, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 213, 251) }
```

Border

The CSS property to change the border of an element to Yxy 72.7307, 0.3053, 0.2904 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(238, 213, 251) }
```

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

```
.border{ border-color:rgb(238, 213, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 213, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 213, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 213, 251);  
box-shadow:4px 4px 4px 4px rgb(238, 213,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 72.7307, 0.3053, 0.2904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 213, 251) }
```

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

```
.background{ background-color: rgb(238,  
213, 251) }
```

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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