

Converting Colors

$Y_{xy}(72.5631, 0.3087, 0.2960)$

Have a look what the booklet for
Yxy(72.5631, 0.3087, 0.2960)
contains.

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Color

Yxy(72.4195, 0.3086, 0.2952)

Conversions

Conversions Part 1

Format	Color
Hex	EED5F6
RGB	238, 213, 246
RGB Percent	93%, 84%, 96%
CMY	0.0664, 0.1648, 0.0352
CMYK	0.03, 0.13, 0.00, 0.04
HSL	286°, 65%, 90%
HSV	286°, 13%, 96%
XYZ	75.7068, 72.4195, 97.1972
YIQ	224.2370, 4.3070, 15.5630

Conversions

Conversions Part 2

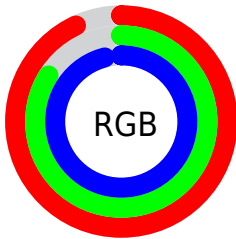
Format	Color
R _Y B	238, 213, 246
Decimal	15652342
CIE Lab	88.17, 14.48, -12.97
CIE LCh	88, 19.436, 318.143
Yxy	72.4195, 0.3086, 0.2952
Android (android.graphics.Color)	4293842422 (0xFFEED5F6)
YUV	224.2370, 10.7292, 12.0702
Hunter-Lab	85.0996, 9.8738, -8.1487

Details

The Yxy color $72.4195, 0.3086, 0.2952$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $86.0945, 0.3162, 0.3641$, and the grayscale version is $74.6462, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $38.1165, 0.3072, 0.2869$ is the 20% darker color. If you saturate the color by 10%, you get $59.9620, 0.3048, 0.2687$, and if you desaturate by 10%, it is $86.7944, 0.3118, 0.3206$.

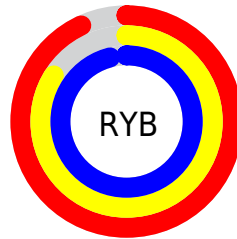
Distribution



Red (93%)

Green (84%)

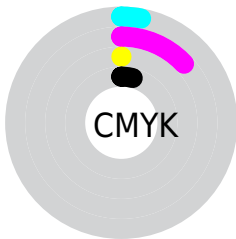
Blue (96%)



Red (93%)

Yellow (84%)

Blue (96%)

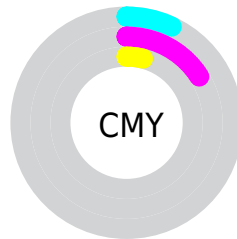


Cyan (3%)

Magenta (13%)

Yellow (0%)

Black (4%)



Cyan (7%)


Magenta (16%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.4195, 0.3086, 0.2952 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 72.4195, 0.3086, 0.2952 by changing the saturation by 10% instead.


 72.4195, 0.3086,
0.2952

 72.4195, 0.3086,
0.2952


469.0004, 0.3107,
0.3105

 53.5014, 0.3081,
0.2918


122.6528, 0.3093,
0.3004

 38.2032, 0.3075,
0.2876


154.7367, 0.3096,
0.3025

 26.1404, 0.3066,
0.2825


191.9782, 0.3099,
0.3043

 16.9287, 0.3055,
0.2758

234.7614, 0.3101,
0.3058

 10.1837, 0.3038,
0.2669

283.4708, 0.3102,
0.3072

 5.5209, 0.3014,
0.2545

338.4909, 0.3104,

 2.5560, 0.2972,

0.3084

0.2360

400.2060, 0.3105,
0.3095

0.9046, 0.2890,
0.2058

0.0000, 0.1899,
0.0000

72.4195, 0.3086,
0.2952

72.4195, 0.3086,
0.2952

59.9620, 0.3048,
0.2687

86.7944, 0.3118,
0.3206

49.3279, 0.3003,
0.2416

98.4849, 0.3147,
0.3377

40.4293, 0.2952,
0.2150

99.4354, 0.3179,
0.3376

33.1672, 0.2894,
0.1899

■ 27.4324, 0.2832,
0.1674

■ 23.1023, 0.2767,
0.1485

■ 20.0352, 0.2701,
0.1342

■ 18.0585, 0.2636,
0.1246

■ 17.1862, 0.2595,
0.1203

Harmonies

Analogous

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



72.4195, 0.2868, 0.2899



72.4195, 0.3086, 0.2952



72.4195, 0.3323, 0.3087

Triad

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



72.4195, 0.3086, 0.2952



72.4195, 0.3544, 0.3631



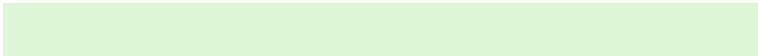
72.4195, 0.2756, 0.3289

Complementary

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



72.4195, 0.3086, 0.2952



86.0945, 0.3162, 0.3641

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.



72.4195, 0.2926, 0.3506



72.4195, 0.3086, 0.2952



72.4195, 0.3381, 0.3705

Square

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



72.4195, 0.3086, 0.2952



72.4195, 0.3593, 0.3470



72.4195, 0.3154, 0.3662



72.4195, 0.2683, 0.3082

Rectangle

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



72.4195, 0.3086, 0.2952



72.4195, 0.3458, 0.3208



72.4195, 0.3154, 0.3662



72.4195, 0.2803, 0.3363

Sweetspot

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



72.4226, 0.3086, 0.2952



93.2006, 0.3116, 0.3192



72.6401, 0.2914, 0.3024



19.6834, 0.3114, 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.



72.4226, 0.3086, 0.2952



74.8569, 0.3077, 0.2884



73.3361, 0.3199, 0.3039



16.5553, 0.3099, 0.3054



9.2392, 0.2605, 0.1209



0.8591, 0.2684, 0.1252

Inverse Universe

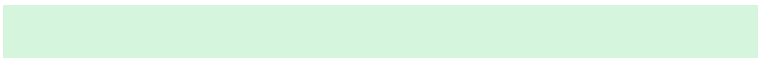
The Inverse Universe completely reimagines the original color for something new.



72.3945, 0.3317, 0.3208



74.8381, 0.3361, 0.3192



85.3044, 0.3062, 0.3555



16.5480, 0.3256, 0.3233



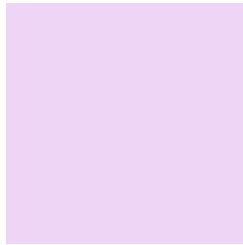
10.6463, 0.5959, 0.3056



0.9512, 0.5612, 0.2865

Previews

White Background



This preview shows how the Yxy color 72.4195, 0.3086, 0.2952 looks on a white background.

Color Contrast Check

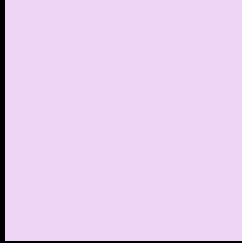
Large Text (above 18pt) WCAG AA × Fail

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 72.4195, 0.3086, 0.2952 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

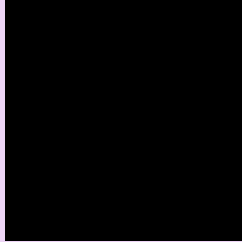
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

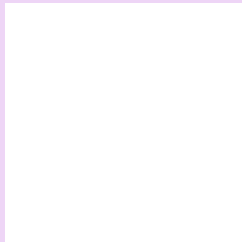
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.4195, 0.3086, 0.2952

Background



This preview shows how black text looks on a background with the Yxy color 72.4195, 0.3086, 0.2952.



This preview shows how white text looks on a background with the Yxy color 72.4195, 0.3086, 0.2952.

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

72.4195, 0.3086, 0.2952

Protanopia

72.8402, 0.2916, 0.2973

Deuteranopia

72.4105, 0.3043, 0.2969



Tritanopia

72.2599, 0.3164, 0.3113

Trichromacy



Original Color

72.4195, 0.3086, 0.2952

Protanomaly

72.4728, 0.2976, 0.2956

Deuteranomaly

72.2394, 0.3057, 0.2960

Tritanomaly

72.2121, 0.3138, 0.3052

Monochromacy



Original Color

72.4195, 0.3086, 0.2952

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

73.6706, 0.3112, 0.3163

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.4195, 0.3086, 0.2952 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, 246)` looks like.

```
.text, #text, p{  
    color:rgb(238, 213, 246)  
}
```

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, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 213, 246) }
```

Border

The CSS property to change the border of an element to Yxy 72.4195, 0.3086, 0.2952 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, 246) }
```

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

```
.border{ border-color:rgb(238, 213, 246) }
```

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, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 213, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 213, 246);  
box-shadow:4px 4px 4px 4px rgb(238, 213,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 72.4195, 0.3086, 0.2952 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, 246) }
```

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

```
.background{ background-color: rgb(238,  
213, 246) }
```

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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