

Converting Colors

$Yxy(73.0853, 0.3094, 0.2985)$

Have a look what the booklet for
Yxy(73.0853, 0.3094, 0.2985)
contains.

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Color

Yxy(73.3097, 0.3098, 0.2993)

Conversions

Conversions Part 1

Format	Color
Hex	EED7F4
RGB	238, 215, 244
RGB Percent	93%, 84%, 96%
CMY	0.0668, 0.1568, 0.0431
CMYK	0.02, 0.12, 0.00, 0.04
HSL	287°, 57%, 90%
HSV	287°, 12%, 96%
XYZ	75.8815, 73.3097, 95.7459
YIQ	225.1830, 4.3990, 13.8950

Conversions

Conversions Part 2

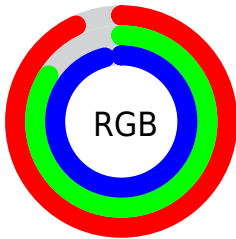
Format	Color
R _Y B	238, 215, 244
Decimal	15652852
CIE Lab	88.60, 13.00, -11.27
CIE LCh	89, 17.207, 319.069
Yxy	73.3097, 0.3098, 0.2993
Android (android.graphics.Color)	4293842932 (0xFFEED7F4)
YUV	225.1830, 9.2768, 11.2405
Hunter-Lab	85.6211, 8.3584, -6.3664

Details

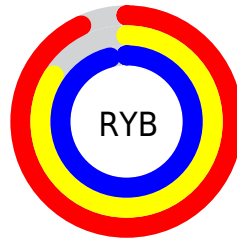
The Yxy color $73.3097, 0.3098, 0.2993$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $84.9966, 0.3152, 0.3598$, and the grayscale version is $75.3628, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $38.7175, 0.3089, 0.2921$ is the 20% darker color. If you saturate the color by 10%, you get $60.9296, 0.3067, 0.2731$, and if you desaturate by 10%, it is $87.5743, 0.3123, 0.3244$.

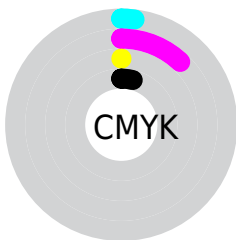
Distribution



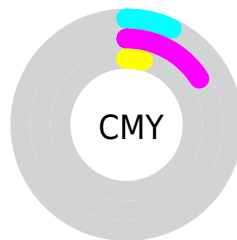
- Red (93%)
- Green (84%)
- Blue (96%)



- Red (93%)
- Yellow (84%)
- Blue (96%)



- Cyan (2%)
- Magenta (12%)
- Yellow (0%)
- Black (4%)




- Cyan (7%)
- Magenta (16%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.3097, 0.3098, 0.2993 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 73.3097, 0.3098, 0.2993 by changing the saturation by 10% instead.

 73.3097, 0.3098,
0.2993

 73.3097, 0.3098,
0.2993


472.0875, 0.3113,
0.3127

 54.2292, 0.3094,
0.2963

123.9168, 0.3103,
0.3039

 38.7850, 0.3090,
0.2926


156.2122, 0.3105,
0.3057

 26.5925, 0.3084,
0.2881


193.6813, 0.3107,
0.3073

 17.2674, 0.3075,
0.2822

236.7087, 0.3109,
0.3086

 10.4253, 0.3064,
0.2743

285.6785, 0.3110,
0.3098

 5.6819, 0.3045,
0.2633

340.9754, 0.3111,

 2.6526, 0.3015,

0.3109

0.2468

402.9836, 0.3112,
0.3119

0.9532, 0.2953,
0.2196

0.0000, 0.2151,
0.0000

73.3097, 0.3098,
0.2993

73.3097, 0.3098,
0.2993

60.9296, 0.3067,
0.2731

87.5743, 0.3123,
0.3244

50.3426, 0.3031,
0.2464

98.0344, 0.3148,
0.3397

41.4637, 0.2989,
0.2201

98.9777, 0.3180,
0.3396

34.1975, 0.2941,
0.1952

99.3123, 0.3191,
0.3395

■ 28.4387, 0.2889,
0.1728

■ 24.0697, 0.2834,
0.1540

■ 20.9552, 0.2778,
0.1396

■ 18.9321, 0.2722,
0.1299

■ 17.8876, 0.2677,
0.1249

Harmonies

Analogous

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



73.3097, 0.2904, 0.2944



73.3097, 0.3098, 0.2993



73.3097, 0.3306, 0.3115

Triad

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



73.3097, 0.3098, 0.2993



73.3097, 0.3491, 0.3595



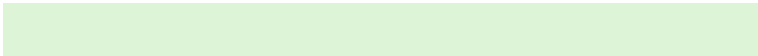
73.3097, 0.2796, 0.3284

Complementary

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



73.3097, 0.3098, 0.2993



84.9966, 0.3152, 0.3598

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.



73.3097, 0.2945, 0.3474



73.3097, 0.3098, 0.2993



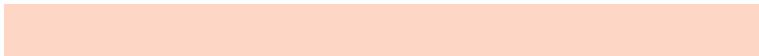
73.3097, 0.3346, 0.3656

Square

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



73.3097, 0.3098, 0.2993



73.3097, 0.3537, 0.3456



73.3097, 0.3146, 0.3613



73.3097, 0.2734, 0.3103

Rectangle

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



73.3097, 0.3098, 0.2993



73.3097, 0.3423, 0.3223



73.3097, 0.3146, 0.3613



73.3097, 0.2837, 0.3349

Sweetspot

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



73.3129, 0.3098, 0.2993



93.2628, 0.3118, 0.3192



72.8527, 0.2940, 0.3047



19.6991, 0.3116, 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.



73.3129, 0.3098, 0.2993



77.9153, 0.3092, 0.2937



73.8886, 0.3196, 0.3078



16.5837, 0.3104, 0.3054



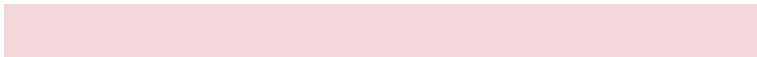
9.7860, 0.2686, 0.1253



0.9028, 0.2755, 0.1291

Inverse Universe

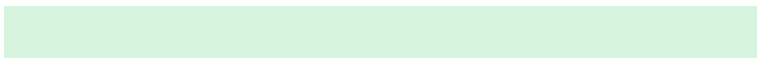
The Inverse Universe completely reimagines the original color for something new.



73.0681, 0.3299, 0.3228



77.6116, 0.3335, 0.3216



84.4975, 0.3064, 0.3512



16.5390, 0.3261, 0.3241



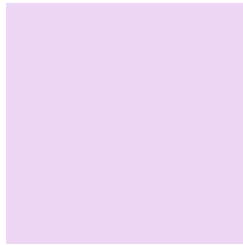
10.6031, 0.6053, 0.3108



0.9463, 0.5717, 0.2923

Previews

White Background



This preview shows how the Yxy color 73.3097, 0.3098, 0.2993 looks on a white background.

Color Contrast Check

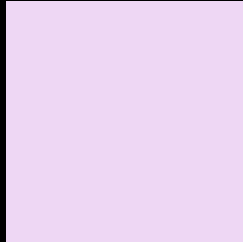
Large Text (above 18pt) WCAG AA × Fail

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 73.3097, 0.3098, 0.2993 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

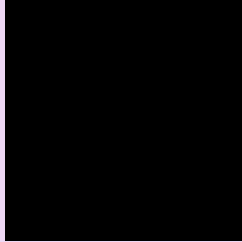
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

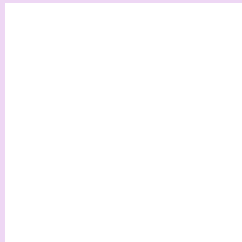
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.3097, 0.3098, 0.2993

Background



This preview shows how black text looks on a background with the Yxy color 73.3097, 0.3098, 0.2993.

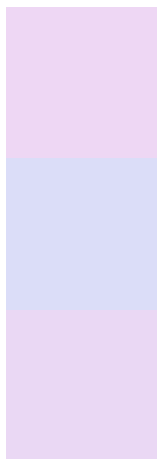


This preview shows how white text looks on a background with the Yxy color 73.3097, 0.3098, 0.2993.

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

73.3097, 0.3098, 0.2993

Protanopia

73.5503, 0.2942, 0.3005

Deuteranopia

73.1358, 0.3070, 0.3001



Tritanopia

73.3991, 0.3150, 0.3113

Trichromacy



Original Color

73.3097, 0.3098, 0.2993

Protanomaly

73.5472, 0.2995, 0.2998

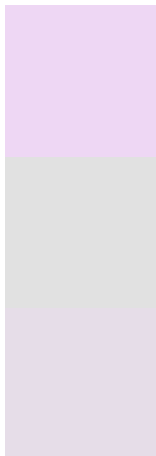
Deuteranomaly

73.3056, 0.3077, 0.3002

Tritanomaly

73.2893, 0.3131, 0.3063

Monochromacy



Original Color

73.3097, 0.3098, 0.2993

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

74.3621, 0.3118, 0.3174

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.3097, 0.3098, 0.2993 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, 215, 244)` looks like.

```
.text, #text, p{  
    color:rgb(238, 215, 244)  
}
```

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, 215, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 215, 244) }
```

Border

The CSS property to change the border of an element to Yxy 73.3097, 0.3098, 0.2993 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, 215, 244) }
```

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

```
.border{ border-color:rgb(238, 215, 244) }
```

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

Here you see how a box with a 4 pixel rgb(238, 215, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 215, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 215, 244);  
box-shadow:4px 4px 4px 4px rgb(238, 215,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 73.3097, 0.3098, 0.2993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 215, 244) }
```

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

```
.background{ background-color: rgb(238,  
215, 244) }
```

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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