

Converting Colors

$Yxy(73.0610, 0.3072, 0.2988)$

Have a look what the booklet for
Yxy(73.0610, 0.3072, 0.2988)
contains.

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Color

Yxy(72.8556, 0.3071, 0.2981)

Conversions

Conversions Part 1

Format	Color
Hex	EBD7F5
RGB	235, 215, 245
RGB Percent	92%, 84%, 96%
CMY	0.0782, 0.1569, 0.0392
CMYK	0.04, 0.12, 0.00, 0.04
HSL	280°, 60%, 90%
HSV	280°, 12%, 96%
XYZ	75.0552, 72.8556, 96.4891
YIQ	224.4000, 2.2900, 13.5700

Conversions

Conversions Part 2

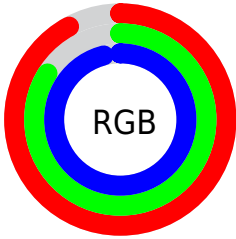
Format	Color
R _Y B	235, 215, 245
Decimal	15456245
CIE Lab	88.38, 12.24, -12.14
CIE LCh	88, 17.242, 315.240
Yxy	72.8556, 0.3071, 0.2981
Android (android.graphics.Color)	4293646325 (0xFFEBD7F5)
YUV	224.4000, 10.1558, 9.2962
Hunter-Lab	85.3555, 7.5874, -7.2748

Details

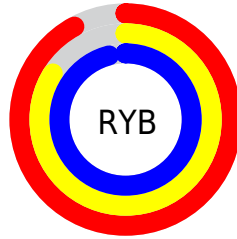
The Yxy color $72.8556, 0.3071, 0.2981$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $86.2048, 0.3177, 0.3606$, and the grayscale version is $74.7729, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $38.3994, 0.3052, 0.2905$ is the 20% darker color. If you saturate the color by 10%, you get $59.9521, 0.3016, 0.2712$, and if you desaturate by 10%, it is $87.6966, 0.3118, 0.3235$.

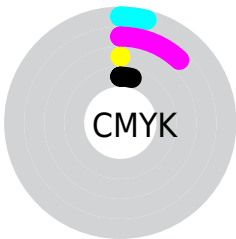
Distribution



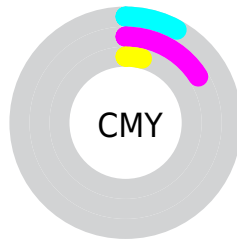
- Red (92%)
- Green (84%)
- Blue (96%)



- Red (92%)
- Yellow (84%)
- Blue (96%)



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





- Cyan (8%)
- Magenta (16%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.8556, 0.3071, 0.2981 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 72.8556, 0.3071, 0.2981 by changing the saturation by 10% instead.


 72.8556, 0.3071,
0.2981

 72.8556, 0.3071,
0.2981


470.5142, 0.3098,
0.3121

 53.8579, 0.3065,
0.2950


123.2722, 0.3081,
0.3029

 38.4881, 0.3056,
0.2912


155.4599, 0.3084,
0.3048

 26.3617, 0.3046,
0.2864

192.8130, 0.3088,
0.3064

 17.0944, 0.3032,
0.2802

235.7160, 0.3090,
0.3078

 10.3018, 0.3012,
0.2720

284.5532, 0.3093,
0.3091

 5.5995, 0.2983,
0.2605

339.7090, 0.3095,

 2.6031, 0.2934,

0.3102

0.2433

401.5679, 0.3097,
0.3112

0.9282, 0.2843,
0.2149

0.0000, 0.1641,
0.0000

72.8556, 0.3071,
0.2981

72.8556, 0.3071,
0.2981

59.9521, 0.3016,
0.2712

87.6966, 0.3118,
0.3235

48.8931, 0.2951,
0.2434

98.6752, 0.3162,
0.3387

39.5920, 0.2878,
0.2155

99.3724, 0.3185,
0.3386

31.9512, 0.2796,
0.1887

■ 25.8635, 0.2709,
0.1640

■ 21.2089, 0.2618,
0.1428

■ 17.8490, 0.2527,
0.1261

■ 15.6173, 0.2439,
0.1143

■ 14.4666, 0.2375,
0.1082

Harmonies

Analogous

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



72.8556, 0.2882, 0.2942



72.8556, 0.3071, 0.2981



72.8556, 0.3281, 0.3095

Triad

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



72.8556, 0.3071, 0.2981



72.8556, 0.3505, 0.3582



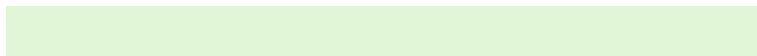
72.8556, 0.2809, 0.3309

Complementary

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



72.8556, 0.3071, 0.2981



86.2048, 0.3177, 0.3606

Split Complementary

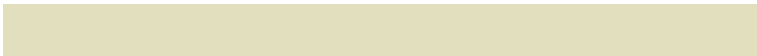
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.8556, 0.2968, 0.3497



72.8556, 0.3071, 0.2981



72.8556, 0.3370, 0.3655

Square

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



72.8556, 0.3071, 0.2981



72.8556, 0.3537, 0.3435



72.8556, 0.3173, 0.3626



72.8556, 0.2734, 0.3123

Rectangle

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



72.8556, 0.3071, 0.2981



72.8556, 0.3404, 0.3201



72.8556, 0.3173, 0.3626



72.8556, 0.2854, 0.3374

Sweetspot

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



72.8587, 0.3071, 0.2981



93.0286, 0.3110, 0.3192



74.8832, 0.2935, 0.3077



19.6398, 0.3107, 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.



72.8587, 0.3071, 0.2981



75.6522, 0.3056, 0.2907



74.2977, 0.3175, 0.3037



16.4772, 0.3085, 0.3053



7.8723, 0.2388, 0.1089



0.7478, 0.2492, 0.1147

Inverse Universe

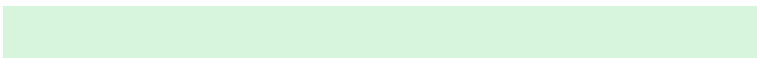
The Inverse Universe completely reimagines the original color for something new.



73.4392, 0.3279, 0.3188



76.4377, 0.3319, 0.3164



84.9148, 0.3083, 0.3557



16.5731, 0.3241, 0.3212



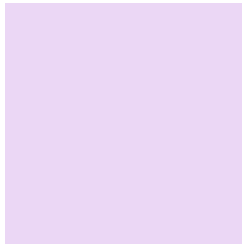
10.8021, 0.5650, 0.2886



0.9677, 0.5299, 0.2693

Previews

White Background



This preview shows how the Yxy color 72.8556, 0.3071, 0.2981 looks on a white background.

Color Contrast Check

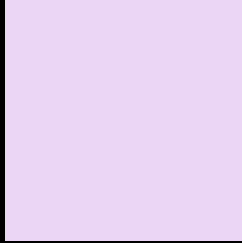
Large Text (above 18pt) WCAG AA × Fail

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 72.8556, 0.3071, 0.2981 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

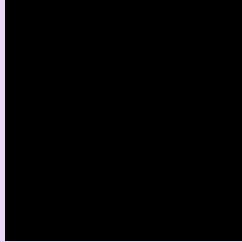
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

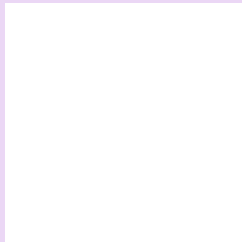
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.8556, 0.3071, 0.2981

Background



This preview shows how black text looks on a background with the Yxy color 72.8556, 0.3071, 0.2981.



This preview shows how white text looks on a background with the Yxy color 72.8556, 0.3071, 0.2981.

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

72.8556, 0.3071, 0.2981

Protanopia

72.8691, 0.2935, 0.2993

Deuteranopia

73.0279, 0.3056, 0.2990



Tritanopia

72.8899, 0.3128, 0.3112

Trichromacy



Original Color

72.8556, 0.3071, 0.2981

Protanomaly

72.7055, 0.2981, 0.2986

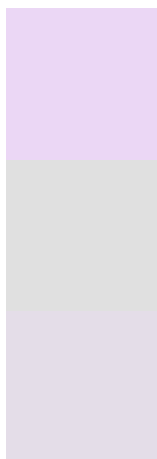
Deuteranomaly

73.1967, 0.3063, 0.2991

Tritanomaly

72.7772, 0.3109, 0.3061

Monochromacy



Original Color

72.8556, 0.3071, 0.2981

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.0331, 0.3104, 0.3174

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.8556, 0.3071, 0.2981 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(235, 215, 245)` looks like.

```
.text, #text, p{  
    color:rgb(235, 215, 245)  
}
```

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(235, 215, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 215, 245) }
```

Border

The CSS property to change the border of an element to Yxy 72.8556, 0.3071, 0.2981 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(235, 215, 245) }
```

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

```
.border{ border-color:rgb(235, 215, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 215, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 215, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 215, 245);  
box-shadow:4px 4px 4px 4px rgb(235, 215,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 72.8556, 0.3071, 0.2981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 215, 245) }
```

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

```
.background{ background-color: rgb(235,  
215, 245) }
```

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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