

Converting Colors

$Y_{xy}(72.0235, 0.3061, 0.2964)$

Have a look what the booklet for
Yxy(72.0235, 0.3061, 0.2964)
contains.

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Color

Yxy(72.1781, 0.3064, 0.2970)

Conversions

Conversions Part 1

Format	Color
Hex	EAD6F5
RGB	234, 214, 245
RGB Percent	92%, 84%, 96%
CMY	0.0823, 0.1608, 0.0393
CMYK	0.04, 0.13, 0.00, 0.04
HSL	279°, 61%, 90%
HSV	279°, 13%, 96%
XYZ	74.4625, 72.1781, 96.3833
YIQ	223.5140, 1.9690, 13.8810

Conversions

Conversions Part 2

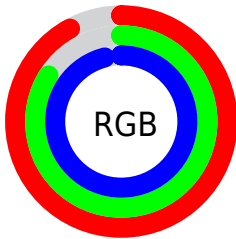
Format	Color
R_{YB}	234, 214, 245
Decimal	15390453
CIE _{Lab}	88.05, 12.42, -12.63
CIE _{LCh}	88, 17.715, 314.525
Yxy	72.1781, 0.3064, 0.2970
Android (android.graphics.Color)	4293580533 (0xFFEAD6F5)
YUV	223.5140, 10.5926, 9.1962
Hunter-Lab	84.9577, 7.7732, -7.7933

Details

The Yxy color $72.1781, 0.3064, 0.2970$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $86.1558, 0.3183, 0.3616$, and the grayscale version is $74.1016, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $37.9354, 0.3044, 0.2891$ is the 20% darker color. If you saturate the color by 10%, you get $59.2669, 0.3004, 0.2699$, and if you desaturate by 10%, it is $87.0322, 0.3115, 0.3225$.

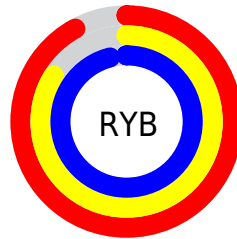
Distribution



Red (92%)

Green (84%)

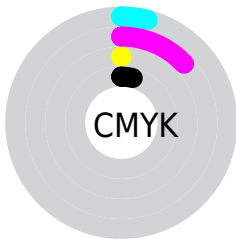
Blue (96%)



Red (92%)

Yellow (84%)

Blue (96%)

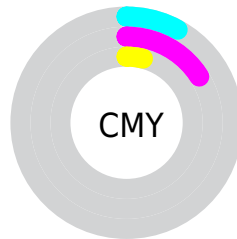


Cyan (4%)

Magenta (13%)

Yellow (0%)

Black (4%)



Cyan (8%)


Magenta (16%)


Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.1781, 0.3064, 0.2970 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 72.1781, 0.3064, 0.2970 by changing the saturation by 10% instead.

 72.1781, 0.3064,
0.2970

 72.1781, 0.3064,
0.2970


468.1613, 0.3095,
0.3115

 53.3042, 0.3057,
0.2938

122.3097, 0.3075,
0.3020

 38.0456, 0.3048,
0.2898


154.3362, 0.3079,
0.3039

 26.0181, 0.3036,
0.2848


191.5156, 0.3083,
0.3056

 16.8372, 0.3020,
0.2784

234.2324, 0.3086,
0.3071

 10.1185, 0.2998,
0.2699

282.8710, 0.3088,
0.3084

 5.4776, 0.2965,
0.2579

337.8158, 0.3091,

 2.5301, 0.2911,

0.3095

0.2400

399.4510, 0.3093,
0.3106

0.8917, 0.2809,
0.2104

0.0000, 0.1319,
0.0000

72.1781, 0.3064,
0.2970

72.1781, 0.3064,
0.2970

59.2669, 0.3004,
0.2699

87.0322, 0.3115,
0.3225

48.2053, 0.2934,
0.2419

98.6887, 0.3162,
0.3387

38.9062, 0.2854,
0.2138

99.3719, 0.3185,
0.3386

31.2715, 0.2766,
0.1866

■ 25.1933, 0.2672,
0.1616

■ 20.5507, 0.2575,
0.1401

■ 17.2045, 0.2479,
0.1231

■ 14.9861, 0.2386,
0.1113

■ 13.8883, 0.2321,
0.1052

Harmonies

Analogous

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



72.1781, 0.2870, 0.2932



72.1781, 0.3064, 0.2970



72.1781, 0.3281, 0.3086

Triad

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



72.1781, 0.3064, 0.2970



72.1781, 0.3519, 0.3587



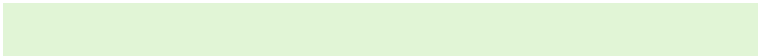
72.1781, 0.2802, 0.3314

Complementary

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



72.1781, 0.3064, 0.2970



86.1558, 0.3183, 0.3616

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.



72.1781, 0.2967, 0.3508



72.1781, 0.3064, 0.2970



72.1781, 0.3382, 0.3666

Square

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



72.1781, 0.3064, 0.2970



72.1781, 0.3549, 0.3435



72.1781, 0.3179, 0.3639



72.1781, 0.2723, 0.3122

Rectangle

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



72.1781, 0.3064, 0.2970



72.1781, 0.3409, 0.3194



72.1781, 0.3179, 0.3639



72.1781, 0.2849, 0.3382

Sweetspot

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



72.1812, 0.3064, 0.2970



92.9855, 0.3109, 0.3192



74.9351, 0.2928, 0.3080



19.6288, 0.3105, 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.



72.1812, 0.3064, 0.2970



75.4988, 0.3050, 0.2907



73.8463, 0.3170, 0.3018



16.4578, 0.3081, 0.3053



7.5631, 0.2335, 0.1060



0.7221, 0.2445, 0.1121

Inverse Universe

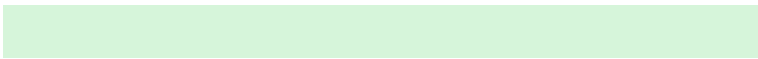
The Inverse Universe completely reimagines the original color for something new.



72.9386, 0.3280, 0.3177



76.4864, 0.3313, 0.3155



84.6632, 0.3087, 0.3578



16.5794, 0.3238, 0.3207



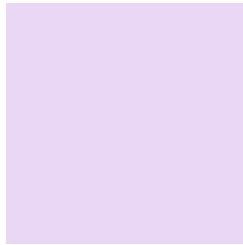
10.8500, 0.5563, 0.2838



0.9724, 0.5217, 0.2647

Previews

White Background



This preview shows how the Yxy color 72.1781, 0.3064, 0.2970 looks on a white background.

Color Contrast Check

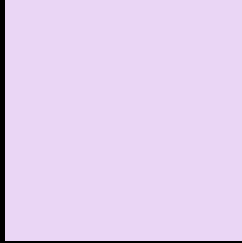
Large Text (above 18pt) WCAG AA × Fail

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 72.1781, 0.3064, 0.2970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

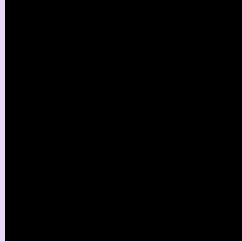
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

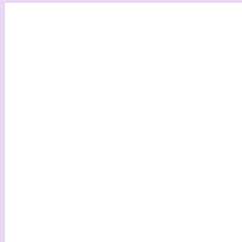
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.1781, 0.3064, 0.2970

Background



This preview shows how black text looks on a background with the Yxy color 72.1781, 0.3064, 0.2970.



This preview shows how white text looks on a background with the Yxy color 72.1781, 0.3064, 0.2970.

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

72.1781, 0.3064, 0.2970

Protanopia

72.1921, 0.2928, 0.2982

Deuteranopia

72.1824, 0.3043, 0.2978



Tritanopia

72.1507, 0.3128, 0.3111

Trichromacy



Original Color

72.1781, 0.3064, 0.2970

Protanomaly

72.0291, 0.2975, 0.2974

Deuteranomaly

72.3493, 0.3050, 0.2979

Tritanomaly

72.0389, 0.3109, 0.3060

Monochromacy



Original Color

72.1781, 0.3064, 0.2970

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

73.5066, 0.3105, 0.3163

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.1781, 0.3064, 0.2970 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(234, 214, 245)` looks like.

```
.text, #text, p{  
    color:rgb(234, 214, 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(234, 214, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 214, 245) }
```

Border

The CSS property to change the border of an element to Yxy 72.1781, 0.3064, 0.2970 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(234, 214, 245) }
```

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

```
.border{ border-color:rgb(234, 214, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 214, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 214, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 214, 245);  
box-shadow:4px 4px 4px 4px rgb(234, 214,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 72.1781, 0.3064, 0.2970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 214, 245) }
```

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

```
.background{ background-color: rgb(234,  
214, 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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