

Converting Colors

$Yxy(74.1641, 0.2981, 0.3028)$

Have a look what the booklet for
Yxy(74.1641, 0.2981, 0.3028)
contains.

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Color

Yxy(74.0547, 0.2981, 0.3027)

Conversions

Conversions Part 1

Format	Color
Hex	DFDDF6
RGB	223, 221, 246
RGB Percent	87%, 87%, 96%
CMY	0.1254, 0.1333, 0.0352
CMYK	0.09, 0.10, 0.00, 0.04
HSL	245°, 58%, 92%
HSV	245°, 10%, 96%
XYZ	72.9293, 74.0547, 97.6632
YIQ	224.4480, -6.8330, 8.1990

Conversions

Conversions Part 2

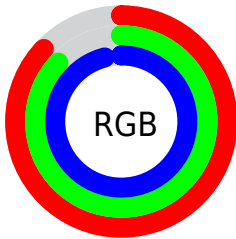
Format	Color
R _Y B	223, 221, 246
Decimal	14671350
CIE Lab	88.95, 5.38, -11.93
CIE LCh	89, 13.092, 294.276
Yxy	74.0547, 0.2981, 0.3027
Android (android.graphics.Color)	4292861430 (0xFFDFDD6)
YUV	224.4480, 10.6251, -1.2699
Hunter-Lab	86.0550, 0.6776, -7.0492

Details

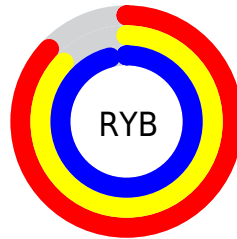
The Yxy color `74.0547, 0.2981, 0.3027` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `90.3864, 0.3266, 0.3542`, and the grayscale version is `74.8088, 0.3127, 0.3290`.

A 20% lighter version of the original color is `100.0000, 0.3127, 0.3290`, and `39.3150, 0.2946, 0.2964` is the 20% darker color. If you saturate the color by 10%, you get `58.6478, 0.2817, 0.2736`, and if you desaturate by 10%, it is `91.8515, 0.3125, 0.3286`.

Distribution



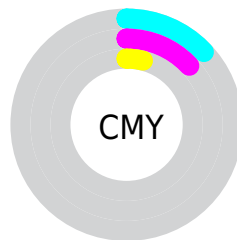
- Red (87%)
- Green (87%)
- Blue (96%)



- Red (87%)
- Yellow (87%)
- Blue (96%)



- Cyan (9%)
- Magenta (10%)
- Yellow (0%)
- Black (4%)



- Cyan (13%)
- Magenta (13%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.0547, 0.2981, 0.3027 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 74.0547, 0.2981, 0.3027 by changing the saturation by 10% instead.

74.0547, 0.2981,
0.3027

74.0547, 0.2981,
0.3027

474.6621, 0.3049,
0.3147

54.8388, 0.2966,
0.3000

124.9733, 0.3005,
0.3068

39.2727, 0.2946,
0.2967

157.4449, 0.3014,
0.3084

26.9719, 0.2922,
0.2926

195.1038, 0.3022,
0.3098

17.5521, 0.2890,
0.2872

238.3344, 0.3028,
0.3110

10.6289, 0.2847,
0.2800

287.5212, 0.3034,
0.3121

5.8179, 0.2785,
0.2699

343.0484, 0.3040,

2.7347, 0.2688,

0.3131

0.2546

405.3006, 0.3045,
0.3139

0.9948, 0.2518,
0.2288

0.0000, 0.0285,
0.0000

74.0547, 0.2981,
0.3027

74.0547, 0.2981,
0.3027

58.6478, 0.2817,
0.2736

91.8515, 0.3125,
0.3286

45.5200, 0.2634,
0.2414

99.4358, 0.3179,
0.3376

34.5659, 0.2435,
0.2070

25.6680, 0.2228,
0.1719

■ 18.6975, 0.2024,
0.1380

■ 13.5115, 0.1839,
0.1080

■ 9.9466, 0.1687,
0.0844

■ 7.8097, 0.1579,
0.0688

■ 6.8028, 0.1520,
0.0611

Harmonies

Analogous

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



74.0547, 0.2870, 0.3045



74.0547, 0.2981, 0.3027



74.0547, 0.3134, 0.3075

Triad

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



74.0547, 0.2981, 0.3027



74.0547, 0.3438, 0.3439



74.0547, 0.2965, 0.3406

Complementary

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



74.0547, 0.2981, 0.3027



90.3864, 0.3266, 0.3542

Split Complementary

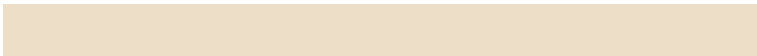
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.0547, 0.3115, 0.3519



74.0547, 0.2981, 0.3027



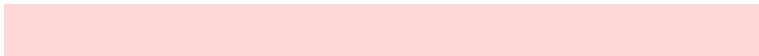
74.0547, 0.3389, 0.3535

Square

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



74.0547, 0.2981, 0.3027



74.0547, 0.3400, 0.3309



74.0547, 0.3270, 0.3566



74.0547, 0.2861, 0.3261

Rectangle

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



74.0547, 0.2981, 0.3027



74.0547, 0.3239, 0.3138



74.0547, 0.3270, 0.3566



74.0547, 0.3012, 0.3449

Sweetspot

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



74.0578, 0.2981, 0.3027



93.9062, 0.3086, 0.3216



86.9473, 0.2970, 0.3272



19.7599, 0.3075, 0.3196



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.



74.0578, 0.2981, 0.3027



77.0559, 0.2952, 0.2976



76.0607, 0.3064, 0.3034



15.9905, 0.2992, 0.3046



3.6532, 0.1526, 0.0614



0.3427, 0.1586, 0.0647

Inverse Universe

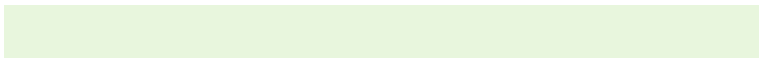
The Inverse Universe completely reimagines the original color for something new.



77.8425, 0.3152, 0.3059



81.8487, 0.3157, 0.3017



88.2810, 0.3185, 0.3548



16.7439, 0.3150, 0.3075



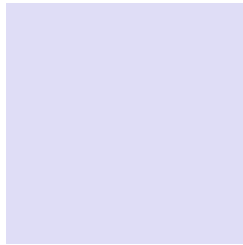
13.4035, 0.3423, 0.1659



1.1847, 0.3393, 0.1643

Previews

White Background



This preview shows how the Yxy color 74.0547, 0.2981, 0.3027 looks on a white background.

Color Contrast Check

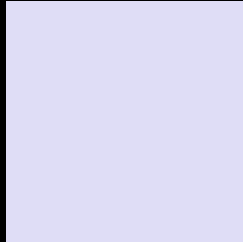
Large Text (above 18pt) WCAG AA × Fail

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 74.0547, 0.2981, 0.3027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

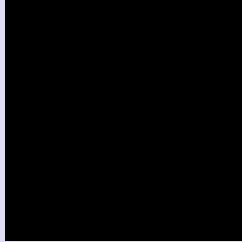
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.0547, 0.2981, 0.3027

Background



This preview shows how black text looks on a background with the Yxy color 74.0547, 0.2981, 0.3027.



This preview shows how white text looks on a background with the Yxy color 74.0547, 0.2981, 0.3027.

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

74.0547, 0.2981, 0.3027

Protanopia

74.1736, 0.2955, 0.3026

Deuteranopia

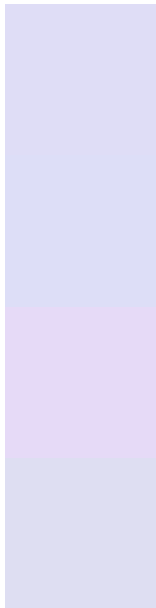
73.8335, 0.3050, 0.2982



Tritanopia

74.0634, 0.3012, 0.3099

Trichromacy



Original Color

74.0547, 0.2981, 0.3027

Protanomaly

74.3301, 0.2962, 0.3027

Deuteranomaly

73.6812, 0.3022, 0.2990

Tritanomaly

74.1830, 0.2999, 0.3079

Monochromacy



Original Color

74.0547, 0.2981, 0.3027

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.4488, 0.3076, 0.3194

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.0547, 0.2981, 0.3027 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(223, 221, 246)` looks like.

```
.text, #text, p{  
    color:rgb(223, 221, 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(223, 221, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 221, 246) }
```

Border

The CSS property to change the border of an element to Yxy 74.0547, 0.2981, 0.3027 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(223, 221, 246) }
```

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

```
.border{ border-color:rgb(223, 221, 246) }
```

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

Here you see how a box with a 4 pixel rgb(223, 221, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 221, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 221, 246);  
box-shadow:4px 4px 4px 4px rgb(223, 221,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 74.0547, 0.2981, 0.3027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 221, 246) }
```

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

```
.background{ background-color: rgb(223,  
221, 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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