

Converting Colors

$Yxy(74.3157, 0.2975, 0.3094)$

Have a look what the booklet for
Yxy(74.3157, 0.2975, 0.3094)
contains.

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Color

Yxy(74.0916, 0.2972, 0.3088)

Conversions

Conversions Part 1

Format	Color
Hex	DADFF2
RGB	218, 223, 242
RGB Percent	85%, 87%, 95%
CMY	0.1454, 0.1254, 0.0510
CMYK	0.10, 0.08, 0.00, 0.05
HSL	227°, 48%, 90%
HSV	227°, 10%, 95%
XYZ	71.3084, 74.0916, 94.5340
YIQ	223.6710, -9.0790, 4.8490

Conversions

Conversions Part 2

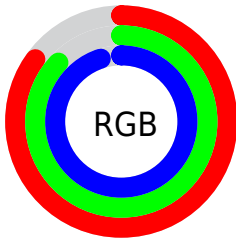
Format	Color
R _Y B	218, 222, 242
Decimal	14344178
CIE Lab	88.97, 1.89, -9.82
CIE LCh	89, 10.002, 280.896
Yxy	74.0916, 0.2972, 0.3088
Android (android.graphics.Color)	4292534258 (0xFFDADFF2)
YUV	223.6710, 9.0362, -4.9735
Hunter-Lab	86.0765, -2.7590, -4.8620

Details

The Yxy color **74.0916, 0.2972, 0.3088** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **84.4294, 0.3281, 0.3484**, and the grayscale version is **74.2271, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.3370, 0.2935, 0.3041** is the 20% darker color. If you saturate the color by 10%, you get **61.0134, 0.2801, 0.2859**, and if you desaturate by 10%, it is **88.8673, 0.3128, 0.3291**.

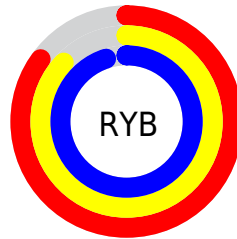
Distribution



Red (85%)

Green (87%)

Blue (95%)



Red (85%)

Yellow (87%)

Blue (95%)

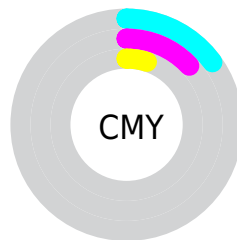


Cyan (10%)

Magenta (8%)

Yellow (0%)

Black (5%)



Cyan (15%)

Magenta (13%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.0916, 0.2972, 0.3088 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 74.0916, 0.2972, 0.3088 by changing the saturation by 10% instead.

■ 74.0916, 0.2972,
0.3088

■ 74.0916, 0.2972,
0.3088

474.7895, 0.3044,
0.3181

■ 54.8690, 0.2956,
0.3067

125.0256, 0.2997,
0.3120

■ 39.2969, 0.2936,
0.3041

157.5059, 0.3006,
0.3132

■ 26.9907, 0.2910,
0.3009

195.1742, 0.3015,
0.3143

■ 17.5663, 0.2877,
0.2967

238.4148, 0.3022,
0.3153

■ 10.6390, 0.2832,
0.2909

287.6123, 0.3028,
0.3161

■ 5.8247, 0.2768,
0.2828

343.1510, 0.3034,

■ 2.7388, 0.2667,

0.3168

0.2703

405.4152, 0.3039,
0.3175

0.9969, 0.2492,
0.2488

0.0000, 0.0000,
0.0000

74.0916, 0.2972,
0.3088

74.0916, 0.2972,
0.3088

61.0134, 0.2801,
0.2859

88.8673, 0.3128,
0.3291

49.5621, 0.2618,
0.2604

99.1899, 0.3203,
0.3415

39.6756, 0.2426,
0.2327

31.2843, 0.2231,
0.2034

■ 24.3133, 0.2043,
0.1735

■ 18.6808, 0.1872,
0.1446

■ 14.2961, 0.1729,
0.1183

■ 11.0560, 0.1623,
0.0963

■ 8.8202, 0.1555,
0.0796

Harmonies

Analogous

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



74.0916, 0.2908, 0.3126



74.0916, 0.2972, 0.3088



74.0916, 0.3079, 0.3102

Triad

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



74.0916, 0.2972, 0.3088



74.0916, 0.3359, 0.3363



74.0916, 0.3052, 0.3421

Complementary

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



74.0916, 0.2972, 0.3088



84.4294, 0.3281, 0.3484

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.



74.0916, 0.3172, 0.3487



74.0916, 0.2972, 0.3088



74.0916, 0.3351, 0.3450

Square

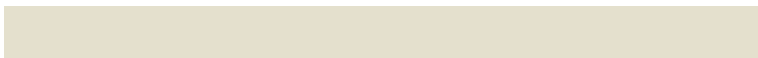
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.0916, 0.2972, 0.3088



74.0916, 0.3303, 0.3259



74.0916, 0.3282, 0.3497



74.0916, 0.2953, 0.3319

Rectangle

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



74.0916, 0.2972, 0.3088



74.0916, 0.3160, 0.3139



74.0916, 0.3282, 0.3497



74.0916, 0.3091, 0.3449

Sweetspot

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



74.0947, 0.2972, 0.3088



94.7931, 0.3082, 0.3232



84.4896, 0.3004, 0.3344



19.9982, 0.3069, 0.3216



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.



74.0947, 0.2972, 0.3088



80.2248, 0.2938, 0.3042



72.4780, 0.3018, 0.3036



15.7725, 0.2980, 0.3098



4.8933, 0.1561, 0.0818



0.5472, 0.1625, 0.1051

Inverse Universe

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



74.3062, 0.3267, 0.3238



80.5502, 0.3301, 0.3226



86.2436, 0.3229, 0.3539



15.8137, 0.3260, 0.3240



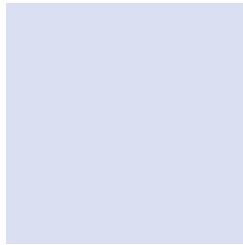
10.2873, 0.6041, 0.3101



0.8700, 0.5683, 0.2904

Previews

White Background



This preview shows how the Yxy color 74.0916, 0.2972, 0.3088 looks on a white background.

Color Contrast Check

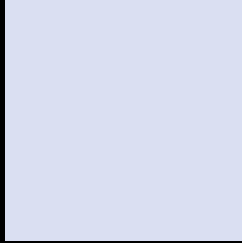
Large Text (above 18pt) WCAG AA × Fail

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 74.0916, 0.2972, 0.3088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

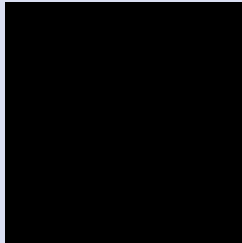
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

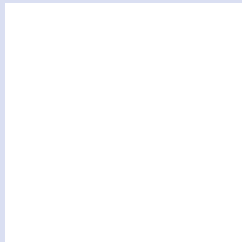
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.0916, 0.2972, 0.3088

Background



This preview shows how black text looks on a background with the Yxy color 74.0916, 0.2972, 0.3088.

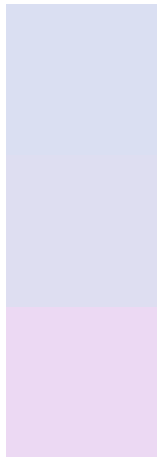


This preview shows how white text looks on a background with the Yxy color 74.0916, 0.2972, 0.3088.

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

74.0916, 0.2972, 0.3088

Protanopia

74.1230, 0.3005, 0.3089

Deuteranopia

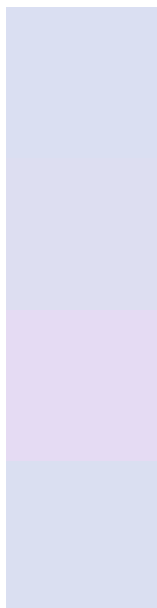
73.9296, 0.3090, 0.3023



Tritanopia

74.0317, 0.2979, 0.3098

Trichromacy



Original Color

74.0916, 0.2972, 0.3088

Protanomaly

73.9656, 0.2999, 0.3088

Deuteranomaly

73.7921, 0.3041, 0.3040

Tritanomaly

74.0317, 0.2979, 0.3098

Monochromacy



Original Color

74.0916, 0.2972, 0.3088

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.6104, 0.3068, 0.3215

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.0916, 0.2972, 0.3088 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(218, 223, 242)` looks like.

```
.text, #text, p{  
    color:rgb(218, 223, 242)  
}
```

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(218, 223, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 223, 242) }
```

Border

The CSS property to change the border of an element to Yxy 74.0916, 0.2972, 0.3088 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(218, 223, 242) }
```

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

```
.border{ border-color:rgb(218, 223, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 223, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 223, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 223, 242);  
box-shadow:4px 4px 4px 4px rgb(218, 223,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 74.0916, 0.2972, 0.3088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 223, 242) }
```

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

```
.background{ background-color: rgb(218,  
223, 242) }
```

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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