

Converting Colors

$Yxy(62.1224, 0.3021, 0.2984)$

Have a look what the booklet for
Yxy(62.1224, 0.3021, 0.2984)
contains.

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Color

Yxy(62.0443, 0.3021, 0.2989)

Conversions

Conversions Part 1

Format	Color
Hex	D5CAE5
RGB	213, 202, 229
RGB Percent	84%, 79%, 90%
CMY	0.1647, 0.2078, 0.1018
CMYK	0.07, 0.12, 0.00, 0.10
HSL	264°, 34%, 85%
HSV	264°, 12%, 90%
XYZ	62.7085, 62.0443, 82.8226
YIQ	208.3670, -2.1110, 10.7290

Conversions

Conversions Part 2

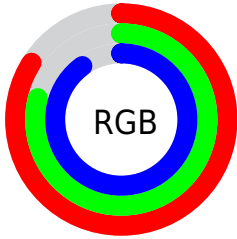
Format	Color
R _Y B	213, 202, 229
Decimal	14011109
CIE Lab	82.94, 8.82, -11.99
CIE LCh	83, 14.886, 306.359
Yxy	62.0443, 0.3021, 0.2989
Android (android.graphics.Color)	4292201189 (0xFFD5CAE5)
YUV	208.3670, 10.1721, 4.0631
Hunter-Lab	78.7682, 4.2622, -7.2041

Details

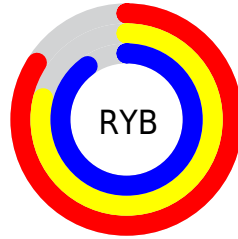
The Yxy color $62.0443, 0.3021, 0.2989$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $75.2305, 0.3225, 0.3588$, and the grayscale version is $63.2636, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $31.5049, 0.2986, 0.2910$ is the 20% darker color. If you saturate the color by 10%, you get $50.1386, 0.2915, 0.2709$, and if you desaturate by 10%, it is $75.7203, 0.3112, 0.3246$.

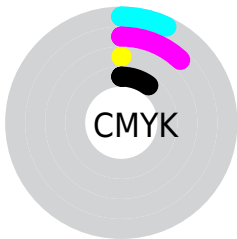
Distribution



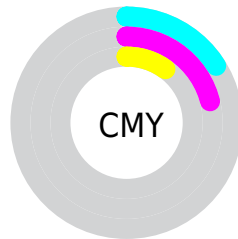
- Red (84%)
- Green (79%)
- Blue (90%)



- Red (84%)
- Yellow (79%)
- Blue (90%)



- Cyan (7%)
- Magenta (12%)
- Yellow (0%)
- Black (10%)



- Cyan (16%)
- Magenta (21%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.0443, 0.3021, 0.2989 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 62.0443, 0.3021, 0.2989 by changing the saturation by 10% instead.

■ 62.0443, 0.3021,
0.2989

■ 62.0443, 0.3021,
0.2989

432.0927, 0.3072,
0.3130

■ 45.0685, 0.3009,
0.2957

107.7896, 0.3039,
0.3038

■ 31.5114, 0.2993,
0.2916

137.3278, 0.3046,
0.3057

■ 20.9886, 0.2973,
0.2865

171.8223, 0.3052,
0.3073

■ 13.1156, 0.2946,
0.2798

211.6575, 0.3057,
0.3088

■ 7.5082, 0.2907,
0.2705

257.2177, 0.3062,
0.3100

■ 3.7819, 0.2849,
0.2570

308.8874, 0.3066,

■ 1.5523, 0.2749,

0.3111

367.0509, 0.3069,
0.3121

0.2356

0.3251, 0.2546,
0.1578

0.0000, 0.0000,
0.0000

62.0443, 0.3021,
0.2989

62.0443, 0.3021,
0.2989

50.1386, 0.2915,
0.2709

75.7203, 0.3112,
0.3246

39.9212, 0.2794,
0.2410

91.2283, 0.3190,
0.3479

31.3151, 0.2660,
0.2101

98.2008, 0.3271,
0.3542

24.2342, 0.2514,
0.1791

98.4390, 0.3279,
0.3542

■ 18.5843, 0.2361,
0.1498

■ 14.2600, 0.2208,
0.1237

■ 11.1410, 0.2064,
0.1025

■ 9.0832, 0.1935,
0.0873

■ 7.9995, 0.1843,
0.0789

Harmonies

Analogous

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



62.0443, 0.2863, 0.2977



62.0443, 0.3021, 0.2989



62.0443, 0.3212, 0.3075

Triad

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



62.0443, 0.3021, 0.2989



62.0443, 0.3491, 0.3522



62.0443, 0.2873, 0.3361

Complementary

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



62.0443, 0.3021, 0.2989



75.2305, 0.3225, 0.3588

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.



62.0443, 0.3035, 0.3520



62.0443, 0.3021, 0.2989



62.0443, 0.3393, 0.3612

Square

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



62.0443, 0.3021, 0.2989



62.0443, 0.3488, 0.3377



62.0443, 0.3225, 0.3613



62.0443, 0.2779, 0.3185

Rectangle

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



62.0443, 0.3021, 0.2989



62.0443, 0.3333, 0.3164



62.0443, 0.3225, 0.3613



62.0443, 0.2921, 0.3418

Sweetspot

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



62.0469, 0.3021, 0.2989



92.5350, 0.3093, 0.3191



68.4722, 0.2944, 0.3168



19.5148, 0.3087, 0.3172



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.



62.0469, 0.3021, 0.2989



75.5044, 0.2998, 0.2927



64.1219, 0.3120, 0.2998



14.1722, 0.3044, 0.3052



4.6385, 0.1859, 0.0798



0.3959, 0.2023, 0.0888

Inverse Universe

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



63.9676, 0.3220, 0.3116



78.3986, 0.3240, 0.3081



73.2580, 0.3131, 0.3596



14.5107, 0.3200, 0.3152



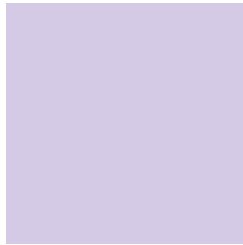
10.5611, 0.4566, 0.2289



0.7987, 0.4314, 0.2150

Previews

White Background



This preview shows how the Yxy color 62.0443, 0.3021, 0.2989 looks on a white background.

Color Contrast Check

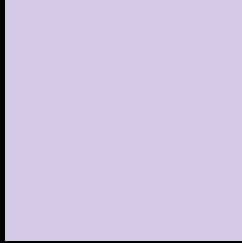
Large Text (above 18pt) WCAG AA × Fail

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 62.0443, 0.3021, 0.2989 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

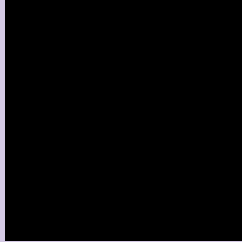
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

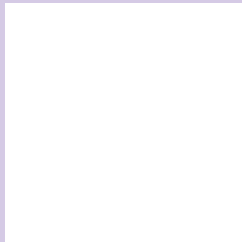
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.0443, 0.3021, 0.2989

Background



This preview shows how black text looks on a background with the Yxy color 62.0443, 0.3021, 0.2989.



This preview shows how white text looks on a background with the Yxy color 62.0443, 0.3021, 0.2989.

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

62.0443, 0.3021, 0.2989

Protanopia

62.1287, 0.2936, 0.2996

Deuteranopia

62.0294, 0.3044, 0.2980



Tritanopia

62.3501, 0.3075, 0.3110

Trichromacy



Original Color

62.0443, 0.3021, 0.2989

Protanomaly

62.1643, 0.2971, 0.2998

Deuteranomaly

61.8775, 0.3036, 0.2979

Tritanomaly

62.0366, 0.3055, 0.3065

Monochromacy



Original Color

62.0443, 0.3021, 0.2989

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.8021, 0.3087, 0.3176

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.0443, 0.3021, 0.2989 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(213, 202, 229)` looks like.

```
.text, #text, p{  
    color:rgb(213, 202, 229)  
}
```

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(213, 202, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 202, 229) }
```

Border

The CSS property to change the border of an element to Yxy 62.0443, 0.3021, 0.2989 is called "border". The border property can be set on classes, ids or directly on the HTML element.

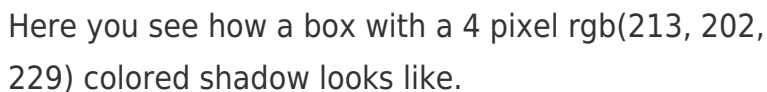
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(213, 202, 229) }
```

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

```
.border{ border-color:rgb(213, 202, 229) }
```

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



Here you see how a box with a 4 pixel `rgb(213, 202, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 202, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 202, 229); box-shadow:4px 4px 4px 4px rgb(213, 202, 229) }
```


Background

The CSS property to change the background color of an element to Yxy 62.0443, 0.3021, 0.2989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 202, 229) }
```

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

```
.background{ background-color: rgb(213,  
202, 229) }
```

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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