

Converting Colors

$Y_{xy}(61.1240, 0.3082, 0.2978)$

Have a look what the booklet for
Yxy(61.1240, 0.3082, 0.2978)
contains.

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Color

Yxy(60.9943, 0.3081, 0.2970)

Conversions

Conversions Part 1

Format	Color
Hex	DBC6E3
RGB	219, 198, 227
RGB Percent	86%, 78%, 89%
CMY	0.1411, 0.2235, 0.1099
CMYK	0.04, 0.13, 0.00, 0.11
HSL	283°, 34%, 83%
HSV	283°, 13%, 89%
XYZ	63.2739, 60.9943, 81.0998
YIQ	207.5850, 3.2070, 13.4710

Conversions

Conversions Part 2

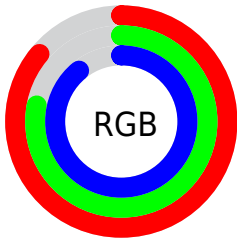
Format	Color
R _Y B	219, 198, 227
Decimal	14403299
CIE Lab	82.38, 12.55, -11.68
CIE LCh	82, 17.144, 317.051
Yxy	60.9943, 0.3081, 0.2970
Android (android.graphics.Color)	4292593379 (0xFFDBC6E3)
YUV	207.5850, 9.5716, 10.0110
Hunter-Lab	78.0988, 7.9436, -6.8990

Details

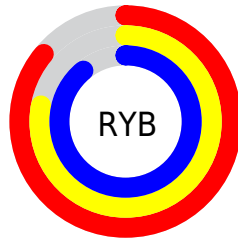
The Yxy color $60.9943, 0.3081, 0.2970$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $72.1255, 0.3167, 0.3620$, and the grayscale version is $62.7315, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $30.8176, 0.3065, 0.2886$ is the 20% darker color. If you saturate the color by 10%, you get $50.4358, 0.3037, 0.2705$, and if you desaturate by 10%, it is $73.1493, 0.3118, 0.3223$.

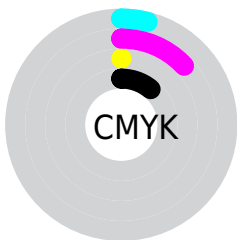
Distribution



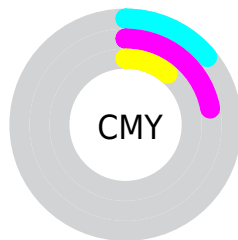
- Red (86%)
- Green (78%)
- Blue (89%)



- Red (86%)
- Yellow (78%)
- Blue (89%)



- Cyan (4%)
- Magenta (13%)
- Yellow (0%)
- Black (11%)



- Cyan (14%)
- Magenta (22%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.9943, 0.3081, 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 60.9943, 0.3081, 0.2970 by changing the saturation by 10% instead.

60.9943, 0.3081,
0.2970

60.9943, 0.3081,
0.2970

428.2531, 0.3104,
0.3119

44.2206, 0.3075,
0.2936

106.2707, 0.3090,
0.3022

30.8439, 0.3068,
0.2893

135.5421, 0.3093,
0.3042

20.4800, 0.3058,
0.2839

169.7483, 0.3095,
0.3060

12.7445, 0.3044,
0.2767

209.2735, 0.3098,
0.3075

7.2528, 0.3024,
0.2670

254.5022, 0.3100,
0.3088

3.6207, 0.2991,
0.2527

305.8187, 0.3102,

1.4637, 0.2933,

0.3100

0.2302

363.6076, 0.3103,
0.3110

0.2630, 0.2884,
0.1363

0.0000, 0.0000,
0.0000

60.9943, 0.3081,
0.2970

60.9943, 0.3081,
0.2970

50.4358, 0.3037,
0.2705

73.1493, 0.3118,
0.3223

41.3966, 0.2985,
0.2433

86.9580, 0.3149,
0.3459

33.8048, 0.2926,
0.2163

95.1977, 0.3181,
0.3571

27.5796, 0.2860,
0.1905

96.2955, 0.3221,
0.3568

■ 22.6318, 0.2788,
0.1671

■ 97.4310, 0.3261,
0.3565

■ 18.8618, 0.2714,
0.1472

■ 98.3253, 0.3292,
0.3562

■ 16.1547, 0.2639,
0.1318

■ 14.3718, 0.2565,
0.1211

■ 13.4978, 0.2514,
0.1158

Harmonies

Analogous

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



60.9943, 0.2879, 0.2923



60.9943, 0.3081, 0.2970



60.9943, 0.3303, 0.3094

Triad

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



60.9943, 0.3081, 0.2970



60.9943, 0.3520, 0.3605



60.9943, 0.2784, 0.3297

Complementary

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



60.9943, 0.3081, 0.2970



72.1255, 0.3167, 0.3620

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.



60.9943, 0.2947, 0.3498



60.9943, 0.3081, 0.2970



60.9943, 0.3372, 0.3677

Square

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



60.9943, 0.3081, 0.2970



60.9943, 0.3561, 0.3453



60.9943, 0.3161, 0.3640



60.9943, 0.2712, 0.3103

Rectangle

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



60.9943, 0.3081, 0.2970



60.9943, 0.3430, 0.3207



60.9943, 0.3161, 0.3640



60.9943, 0.2830, 0.3366

Sweetspot

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



60.9969, 0.3081, 0.2970



93.1357, 0.3114, 0.3192



61.7972, 0.2927, 0.3051



19.6669, 0.3111, 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.



60.9969, 0.3081, 0.2970



76.0362, 0.3071, 0.2909



61.9226, 0.3188, 0.3042



14.4055, 0.3094, 0.3055



7.9339, 0.2524, 0.1164



0.6319, 0.2628, 0.1221

Inverse Universe

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



61.1727, 0.3298, 0.3202



76.3178, 0.3334, 0.3185



71.3095, 0.3072, 0.3551



14.4328, 0.3249, 0.3226



9.7467, 0.5843, 0.2992



0.7356, 0.5426, 0.2763

Previews

White Background



This preview shows how the Yxy color 60.9943, 0.3081, 0.2970 looks on a white background.

Color Contrast Check

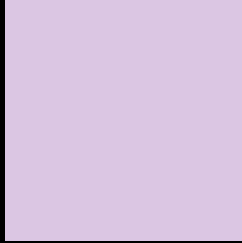
Large Text (above 18pt) WCAG AA × Fail

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 60.9943, 0.3081, 0.2970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

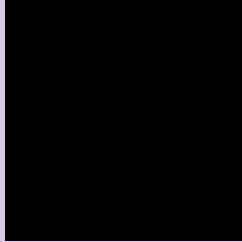
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.9943, 0.3081, 0.2970

Background



This preview shows how black text looks on a background with the Yxy color 60.9943, 0.3081, 0.2970.



This preview shows how white text looks on a background with the Yxy color 60.9943, 0.3081, 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

60.9943, 0.3081, 0.2970

Protanopia

61.3164, 0.2928, 0.2994

Deuteranopia

60.8400, 0.3050, 0.2978



Tritanopia

61.0181, 0.3143, 0.3110

Trichromacy



Original Color

60.9943, 0.3081, 0.2970

Protanomaly

61.3081, 0.2984, 0.2986

Deuteranomaly

60.9918, 0.3058, 0.2979

Tritanomaly

60.9196, 0.3123, 0.3056

Monochromacy



Original Color

60.9943, 0.3081, 0.2970

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.0891, 0.3110, 0.3165

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.9943, 0.3081, 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(219, 198, 227)` looks like.

```
.text, #text, p{  
    color:rgb(219, 198, 227)  
}
```

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(219, 198, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 198, 227) }
```

Border

The CSS property to change the border of an element to Yxy 60.9943, 0.3081, 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(219, 198, 227) }
```

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

```
.border{ border-color:rgb(219, 198, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 198, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 198, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 198, 227); box-shadow:4px 4px 4px 4px rgb(219, 198, 227) }
```


Background

The CSS property to change the background color of an element to Yxy 60.9943, 0.3081, 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(219, 198, 227) }
```

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

```
.background{ background-color: rgb(219,  
198, 227) }
```

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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