

Converting Colors

$Yxy(60.4885, 0.2982, 0.3006)$

Have a look what the booklet for
Yxy(60.4885, 0.2982, 0.3006)
contains.

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Color

Yxy(60.2434, 0.2983, 0.3005)

Conversions

Conversions Part 1

Format	Color
Hex	CDC9E2
RGB	205, 201, 226
RGB Percent	80%, 79%, 89%
CMY	0.1959, 0.2118, 0.1137
CMYK	0.09, 0.11, 0.00, 0.11
HSL	250°, 30%, 84%
HSV	250°, 11%, 89%
XYZ	59.8024, 60.2434, 80.4315
YIQ	205.0460, -5.6410, 8.6230

Conversions

Conversions Part 2

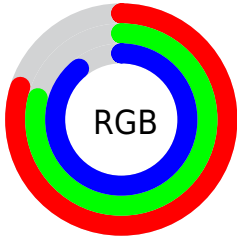
Format	Color
R _Y B	205, 201, 226
Decimal	13486562
CIE Lab	81.97, 6.16, -11.88
CIE LCh	82, 13.383, 297.410
Yxy	60.2434, 0.2983, 0.3005
Android (android.graphics.Color)	4291676642 (0xFFCDC9E2)
YUV	205.0460, 10.3303, -0.0403
Hunter-Lab	77.6166, 1.7023, -7.1086

Details

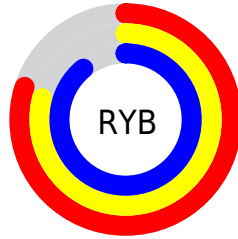
The Yxy color **60.2434, 0.2983, 0.3005** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.1328, 0.3262, 0.3565**, and the grayscale version is **61.0228, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **30.3870, 0.2945, 0.2930** is the 20% darker color. If you saturate the color by 10%, you get **47.9416, 0.2833, 0.2716**, and if you desaturate by 10%, it is **74.4261, 0.3114, 0.3264**.

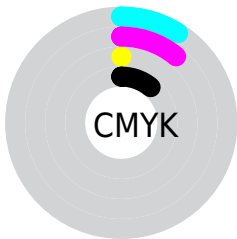
Distribution



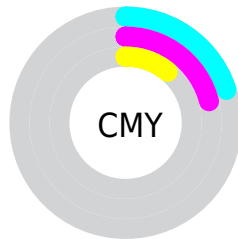
- Red (80%)
- Green (79%)
- Blue (89%)



- Red (80%)
- Yellow (79%)
- Blue (89%)



- Cyan (9%)
- Magenta (11%)
- Yellow (0%)
- Black (11%)



- Cyan (20%)
- Magenta (21%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.2434, 0.2983, 0.3005 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 60.2434, 0.2983, 0.3005 by changing the saturation by 10% instead.

■ 60.2434, 0.2983,
0.3005

■ 60.2434, 0.2983,
0.3005

425.4944, 0.3052,
0.3139

■ 43.6149, 0.2966,
0.2974

105.1827, 0.3008,
0.3052

■ 30.3678, 0.2946,
0.2935

134.2622, 0.3017,
0.3070

■ 20.1180, 0.2919,
0.2885

168.2608, 0.3025,
0.3086

■ 12.4808, 0.2882,
0.2819

207.5629, 0.3032,
0.3099

■ 7.0720, 0.2831,
0.2727

252.5529, 0.3038,
0.3111

■ 3.5072, 0.2753,
0.2592

303.6153, 0.3044,

■ 1.4019, 0.2621,

0.3122

0.2374

361.1343, 0.3048,
0.3131

0.2181, 0.2171,
0.1324

0.0000, 0.0000,
0.0000

60.2434, 0.2983,
0.3005

60.2434, 0.2983,
0.3005

47.9416, 0.2833,
0.2716

74.4261, 0.3114,
0.3264

37.4341, 0.2664,
0.2400

90.5565, 0.3227,
0.3493

28.6389, 0.2480,
0.2065

98.2713, 0.3298,
0.3572

21.4643, 0.2286,
0.1724

■ 15.8103, 0.2092,
0.1396

■ 11.5655, 0.1911,
0.1105

■ 8.6030, 0.1754,
0.0872

■ 6.7725, 0.1635,
0.0715

■ 5.8798, 0.1562,
0.0634

Harmonies

Analogous

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



60.2434, 0.2855, 0.3017



60.2434, 0.2983, 0.3005



60.2434, 0.3153, 0.3065

Triad

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



60.2434, 0.2983, 0.3005



60.2434, 0.3466, 0.3466



60.2434, 0.2935, 0.3401

Complementary

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



60.2434, 0.2983, 0.3005



74.1328, 0.3262, 0.3565

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.



60.2434, 0.3095, 0.3532



60.2434, 0.2983, 0.3005



60.2434, 0.3403, 0.3565

Square

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



60.2434, 0.2983, 0.3005



60.2434, 0.3435, 0.3326



60.2434, 0.3266, 0.3592



60.2434, 0.2828, 0.3242

Rectangle

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



60.2434, 0.2983, 0.3005



60.2434, 0.3267, 0.3137



60.2434, 0.3266, 0.3592



60.2434, 0.2984, 0.3450

Sweetspot

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



60.2459, 0.2983, 0.3005



94.0209, 0.3090, 0.3216



70.2846, 0.2957, 0.3247



19.7907, 0.3080, 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.



60.2459, 0.2983, 0.3005



75.7526, 0.2954, 0.2949



62.0491, 0.3074, 0.3013



13.3498, 0.3006, 0.3049



3.3880, 0.1572, 0.0640



0.2680, 0.1700, 0.0710

Inverse Universe

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



63.2082, 0.3169, 0.3062



80.3007, 0.3177, 0.3019



72.2769, 0.3175, 0.3572



13.8954, 0.3163, 0.3096



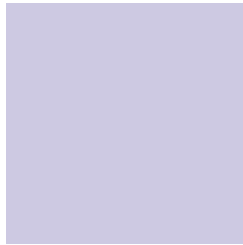
11.3418, 0.3666, 0.1793



0.7965, 0.3584, 0.1748

Previews

White Background



This preview shows how the Yxy color 60.2434, 0.2983, 0.3005 looks on a white background.

Color Contrast Check

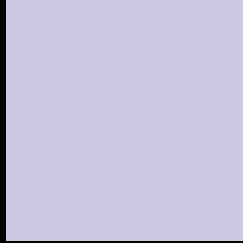
Large Text (above 18pt) WCAG AA × Fail

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 60.2434, 0.2983, 0.3005 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

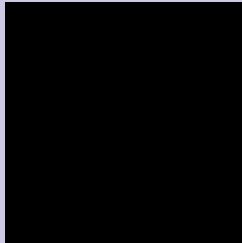
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

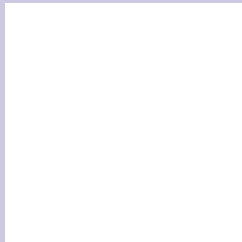
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.2434, 0.2983, 0.3005

Background



This preview shows how black text looks on a background with the Yxy color 60.2434, 0.2983, 0.3005.



This preview shows how white text looks on a background with the Yxy color 60.2434, 0.2983, 0.3005.

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

60.2434, 0.2983, 0.3005

Protanopia

60.2046, 0.2947, 0.3003

Deuteranopia

60.0804, 0.3035, 0.2965



Tritanopia

60.1404, 0.3030, 0.3105

Trichromacy



Original Color

60.2434, 0.2983, 0.3005

Protanomaly

60.3437, 0.2954, 0.3004

Deuteranomaly

60.0945, 0.3013, 0.2975

Tritanomaly

60.2989, 0.3009, 0.3072

Monochromacy



Original Color

60.2434, 0.2983, 0.3005

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.9690, 0.3072, 0.3186

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.2434, 0.2983, 0.3005 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(205, 201, 226)` looks like.

```
.text, #text, p{  
    color:rgb(205, 201, 226)  
}
```

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(205, 201, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 201, 226) }
```

Border

The CSS property to change the border of an element to Yxy 60.2434, 0.2983, 0.3005 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(205, 201, 226) }
```

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

```
.border{ border-color:rgb(205, 201, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 201, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 201, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 201, 226);  
box-shadow:4px 4px 4px 4px rgb(205, 201,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 60.2434, 0.2983, 0.3005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 201, 226) }
```

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

```
.background{ background-color: rgb(205,  
201, 226) }
```

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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