

Converting Colors

Yxy(61.4733, 0.2977, 0.3032)

Have a look what the booklet for
Yxy(61.4733, 0.2977, 0.3032)
contains.

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Color

Yxy(61.6559, 0.2983, 0.3040)

Conversions

Conversions Part 1

Format	Color
Hex	CDCCE2
RGB	205, 204, 226
RGB Percent	80%, 80%, 89%
CMY	0.1960, 0.2000, 0.1137
CMYK	0.09, 0.10, 0.00, 0.11
HSL	243°, 27%, 84%
HSV	243°, 10%, 89%
XYZ	60.4999, 61.6559, 80.6597
YIQ	206.8070, -6.4660, 7.0540

Conversions

Conversions Part 2

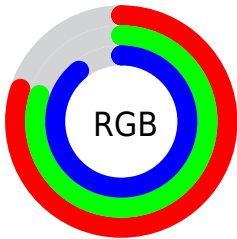
Format	Color
R _Y B	205, 204, 226
Decimal	13487330
CIE Lab	82.73, 4.55, -10.74
CIE LCh	83, 11.663, 292.936
Yxy	61.6559, 0.2983, 0.3040
Android (android.graphics.Color)	4291677410 (0xFFCDCCE2)
YUV	206.8070, 9.4621, -1.5847
Hunter-Lab	78.5213, 0.1202, -5.9398

Details

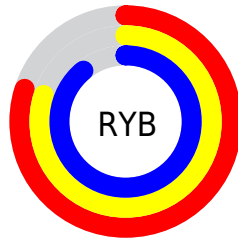
The Yxy color **61.6559, 0.2983, 0.3040** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.7543, 0.3264, 0.3529**, and the grayscale version is **62.2101, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.3323, 0.2946, 0.2976** is the 20% darker color. If you saturate the color by 10%, you get **48.8260, 0.2815, 0.2750**, and if you desaturate by 10%, it is **76.4720, 0.3131, 0.3296**.

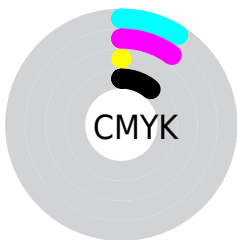
Distribution



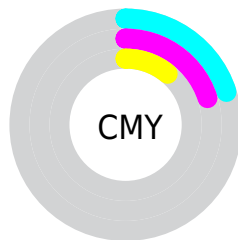
- Red (80%)
- Green (80%)
- Blue (89%)



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



- Cyan (9%)
- Magenta (10%)
- Yellow (0%)
- Black (11%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.6559, 0.2983, 0.3040 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 61.6559, 0.2983, 0.3040 by changing the saturation by 10% instead.

■ 61.6559, 0.2983,
0.3040

■ 61.6559, 0.2983,
0.3040

430.6748, 0.3052,
0.3158

■ 44.7547, 0.2967,
0.3013

107.2281, 0.3007,
0.3081

■ 31.2643, 0.2946,
0.2978

136.6678, 0.3017,
0.3097

■ 20.8002, 0.2920,
0.2935

171.0559, 0.3025,
0.3111

■ 12.9780, 0.2884,
0.2877

210.7767, 0.3032,
0.3123

■ 7.4134, 0.2835,
0.2797

256.2146, 0.3038,
0.3133

■ 3.7220, 0.2759,
0.2678

307.7540, 0.3043,

■ 1.5193, 0.2634,

0.3142

0.2487

365.7792, 0.3048,
0.3151

0.3022, 0.2231,
0.1693

0.0000, 0.0000,
0.0000

61.6559, 0.2983,
0.3040

61.6559, 0.2983,
0.3040

48.8260, 0.2815,
0.2750

76.4720, 0.3131,
0.3296

37.8906, 0.2627,
0.2429

93.3454, 0.3259,
0.3520

28.7623, 0.2424,
0.2085

98.2708, 0.3298,
0.3572

21.3436, 0.2213,
0.1732

■ 15.5283, 0.2007,
0.1390

■ 11.1978, 0.1821,
0.1086

■ 8.2175, 0.1671,
0.0846

■ 6.4282, 0.1567,
0.0688

■ 5.5752, 0.1512,
0.0608

Harmonies

Analogous

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



61.6559, 0.2880, 0.3061



61.6559, 0.2983, 0.3040



61.6559, 0.3127, 0.3083

Triad

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



61.6559, 0.2983, 0.3040



61.6559, 0.3421, 0.3427



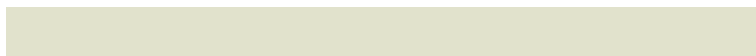
61.6559, 0.2980, 0.3405

Complementary

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



61.6559, 0.2983, 0.3040



74.7543, 0.3264, 0.3529

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.



61.6559, 0.3122, 0.3510



61.6559, 0.2983, 0.3040



61.6559, 0.3379, 0.3519

Square

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



61.6559, 0.2983, 0.3040



61.6559, 0.3382, 0.3302



61.6559, 0.3269, 0.3551



61.6559, 0.2878, 0.3269

Rectangle

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



61.6559, 0.2983, 0.3040



61.6559, 0.3227, 0.3142



61.6559, 0.3269, 0.3551



61.6559, 0.3024, 0.3446

Sweetspot

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



61.6585, 0.2983, 0.3040



93.8581, 0.3084, 0.3216



72.3208, 0.2978, 0.3281



19.7470, 0.3073, 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.



61.6585, 0.2983, 0.3040



76.8854, 0.2945, 0.2975



63.2349, 0.3062, 0.3046



13.2734, 0.2988, 0.3048



3.1851, 0.1515, 0.0608



0.2316, 0.1559, 0.0632

Inverse Universe

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



64.7893, 0.3146, 0.3063



81.9158, 0.3150, 0.3007



73.0862, 0.3188, 0.3535



13.9241, 0.3145, 0.3070



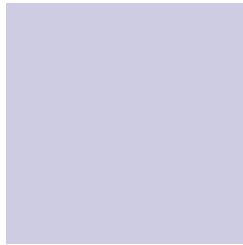
12.0445, 0.3328, 0.1607



0.8383, 0.3308, 0.1596

Previews

White Background



This preview shows how the Yxy color 61.6559, 0.2983, 0.3040 looks on a white background.

Color Contrast Check

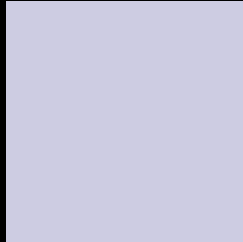
Large Text (above 18pt) WCAG AA × Fail

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 61.6559, 0.2983, 0.3040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

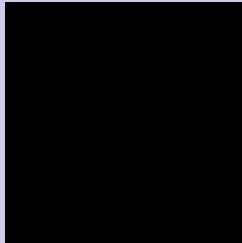
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

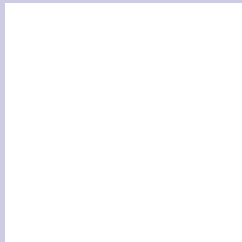
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.6559, 0.2983, 0.3040

Background



This preview shows how black text looks on a background with the Yxy color 61.6559, 0.2983, 0.3040.

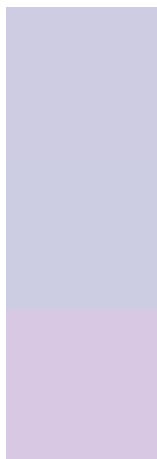


This preview shows how white text looks on a background with the Yxy color 61.6559, 0.2983, 0.3040.

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

61.6559, 0.2983, 0.3040

Protanopia

61.5141, 0.2976, 0.3039

Deuteranopia

61.4535, 0.3058, 0.2990



Tritanopia

61.7205, 0.3009, 0.3107

Trichromacy



Original Color

61.6559, 0.2983, 0.3040

Protanomaly

61.5141, 0.2976, 0.3039

Deuteranomaly

61.3164, 0.3028, 0.2999

Tritanomaly

61.8277, 0.2996, 0.3084

Monochromacy



Original Color

61.6559, 0.2983, 0.3040

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.1195, 0.3071, 0.3198

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.6559, 0.2983, 0.3040 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, 204, 226)` looks like.

```
.text, #text, p{  
    color:rgb(205, 204, 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, 204, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 204, 226) }
```

Border

The CSS property to change the border of an element to Yxy 61.6559, 0.2983, 0.3040 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, 204, 226) }
```

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

```
.border{ border-color:rgb(205, 204, 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, 204, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 204, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 204, 226);  
box-shadow:4px 4px 4px 4px rgb(205, 204,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 61.6559, 0.2983, 0.3040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 204, 226) }
```

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

```
.background{ background-color: rgb(205,  
204, 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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