

Converting Colors

$Yxy(61.3637, 0.3019, 0.2997)$

Have a look what the booklet for
Yxy(61.3637, 0.3019, 0.2997)
contains.

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Color

Yxy(61.1682, 0.3020, 0.2998)

Conversions

Conversions Part 1

Format	Color
Hex	D3C9E3
RGB	211, 201, 227
RGB Percent	83%, 79%, 89%
CMY	0.1726, 0.2118, 0.1097
CMYK	0.07, 0.11, 0.00, 0.11
HSL	263°, 32%, 84%
HSV	263°, 11%, 89%
XYZ	61.6171, 61.1682, 81.2448
YIQ	206.9540, -2.3860, 10.2060

Conversions

Conversions Part 2

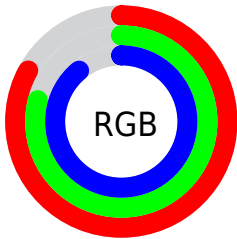
Format	Color
R _Y B	211, 201, 227
Decimal	13879779
CIE Lab	82.47, 8.30, -11.63
CIE LCh	82, 14.287, 305.525
Yxy	61.1682, 0.3020, 0.2998
Android (android.graphics.Color)	4292069859 (0xFFD3C9E3)
YUV	206.9540, 9.8827, 3.5483
Hunter-Lab	78.2101, 3.7618, -6.8435

Details

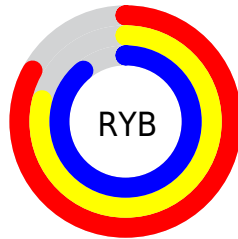
The Yxy color **61.1682, 0.3020, 0.2998** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **73.9209, 0.3226, 0.3578**, and the grayscale version is **62.3039, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **30.9139, 0.2985, 0.2921** is the 20% darker color. If you saturate the color by 10%, you get **49.3810, 0.2910, 0.2718**, and if you desaturate by 10%, it is **74.7043, 0.3115, 0.3255**.

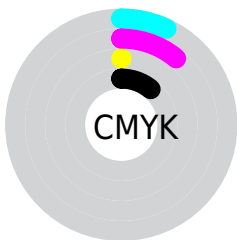
Distribution



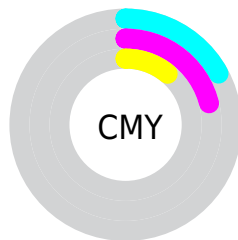
- Red (83%)
- Green (79%)
- Blue (89%)



- Red (83%)
- Yellow (79%)
- Blue (89%)



- Cyan (7%)
- Magenta (11%)
- Yellow (0%)
- Black (11%)



- Cyan (17%)
- Magenta (21%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.1682, 0.3020, 0.2998 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 61.1682, 0.3020, 0.2998 by changing the saturation by 10% instead.

61.1682, 0.3020,
0.2998

61.1682, 0.3020,
0.2998

428.8905, 0.3072,
0.3135

44.3609, 0.3008,
0.2966

106.5224, 0.3038,
0.3046

30.9544, 0.2992,
0.2927

135.8382, 0.3046,
0.3064

20.5641, 0.2971,
0.2877

170.0922, 0.3052,
0.3080

12.8057, 0.2944,
0.2810

209.6689, 0.3057,
0.3094

7.2949, 0.2905,
0.2719

254.9527, 0.3061,
0.3106

3.6472, 0.2845,
0.2585

306.3280, 0.3065,

1.4782, 0.2743,

0.3117

0.2371

364.1791, 0.3069,
0.3126

0.2733, 0.2495,
0.1474

0.0000, 0.0000,
0.0000

61.1682, 0.3020,
0.2998

61.1682, 0.3020,
0.2998

49.3810, 0.2910,
0.2718

74.7043, 0.3115,
0.3255

39.2621, 0.2785,
0.2418

90.0501, 0.3195,
0.3486

30.7359, 0.2646,
0.2106

97.9380, 0.3278,
0.3563

23.7179, 0.2495,
0.1794

98.3271, 0.3291,
0.3562

■ 18.1154, 0.2338,
0.1496

■ 13.8253, 0.2181,
0.1230

■ 10.7296, 0.2033,
0.1013

■ 8.6879, 0.1902,
0.0858

■ 7.5841, 0.1807,
0.0769

Harmonies

Analogous

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



61.1682, 0.2869, 0.2989



61.1682, 0.3020, 0.2998



61.1682, 0.3204, 0.3080

Triad

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



61.1682, 0.3020, 0.2998



61.1682, 0.3479, 0.3511



61.1682, 0.2886, 0.3363

Complementary

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



61.1682, 0.3020, 0.2998



73.9209, 0.3226, 0.3578

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.



61.1682, 0.3043, 0.3515



61.1682, 0.3020, 0.2998



61.1682, 0.3387, 0.3599

Square

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



61.1682, 0.3020, 0.2998



61.1682, 0.3473, 0.3370



61.1682, 0.3227, 0.3602



61.1682, 0.2793, 0.3194

Rectangle

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



61.1682, 0.3020, 0.2998



61.1682, 0.3321, 0.3165



61.1682, 0.3227, 0.3602



61.1682, 0.2933, 0.3418

Sweetspot

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



61.1708, 0.3020, 0.2998



94.3333, 0.3101, 0.3216



67.6147, 0.2950, 0.3177



19.8748, 0.3093, 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.



61.1708, 0.3020, 0.2998



75.3661, 0.2993, 0.2927



63.1667, 0.3117, 0.3007



14.1557, 0.3040, 0.3051



4.4845, 0.1822, 0.0777



0.3835, 0.1986, 0.0867

Inverse Universe

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



63.1199, 0.3213, 0.3115



78.4475, 0.3235, 0.3073



72.0085, 0.3134, 0.3586



14.5164, 0.3196, 0.3146



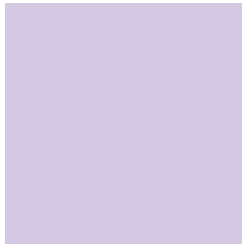
10.6482, 0.4472, 0.2237



0.8049, 0.4238, 0.2108

Previews

White Background



This preview shows how the Yxy color 61.1682, 0.3020, 0.2998 looks on a white background.

Color Contrast Check

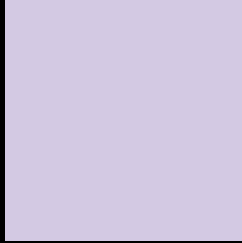
Large Text (above 18pt) WCAG AA × Fail

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 61.1682, 0.3020, 0.2998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

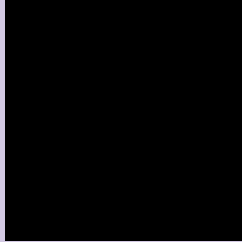
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.1682, 0.3020, 0.2998

Background



This preview shows how black text looks on a background with the Yxy color 61.1682, 0.3020, 0.2998.



This preview shows how white text looks on a background with the Yxy color 61.1682, 0.3020, 0.2998.

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

61.1682, 0.3020, 0.2998

Protanopia

61.3994, 0.2941, 0.3005

Deuteranopia

61.3017, 0.3050, 0.2990



Tritanopia

61.0047, 0.3075, 0.3108

Trichromacy



Original Color

61.1682, 0.3020, 0.2998

Protanomaly

61.2924, 0.2969, 0.3006

Deuteranomaly

61.1507, 0.3043, 0.2989

Tritanomaly

61.1632, 0.3054, 0.3075

Monochromacy



Original Color

61.1682, 0.3020, 0.2998

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

61.9276, 0.3087, 0.3187

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.1682, 0.3020, 0.2998 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(211, 201, 227)` looks like.

```
.text, #text, p{  
    color:rgb(211, 201, 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(211, 201, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 201, 227) }
```

Border

The CSS property to change the border of an element to Yxy 61.1682, 0.3020, 0.2998 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(211, 201, 227) }
```

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

```
.border{ border-color:rgb(211, 201, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 201, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 201, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 201, 227);  
box-shadow:4px 4px 4px 4px rgb(211, 201,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 61.1682, 0.3020, 0.2998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 201, 227) }
```

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

```
.background{ background-color: rgb(211,  
201, 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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