

Converting Colors

Yxy(59.1581, 0.3004, 0.2809)

Have a look what the booklet for
Yxy(59.1581, 0.3004, 0.2809)
contains.

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Color

Yxy(59.1598, 0.3004, 0.2809)

Conversions

Conversions Part 1

Format	Color
Hex	DAC1ED
RGB	218, 193, 237
RGB Percent	85%, 76%, 93%
CMY	0.1451, 0.2431, 0.0707
CMYK	0.08, 0.19, 0.00, 0.07
HSL	274°, 55%, 84%
HSV	274°, 19%, 93%
XYZ	63.2667, 59.1598, 88.1816
YIQ	205.4910, 0.7760, 18.9840

Conversions

Conversions Part 2

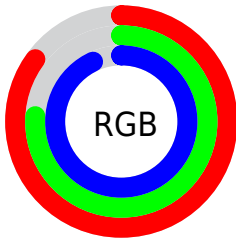
Format	Color
R _Y B	218, 193, 237
Decimal	14336493
CIE Lab	81.38, 16.83, -18.53
CIE LCh	81, 25.029, 312.243
Yxy	59.1598, 0.3004, 0.2809
Android (android.graphics.Color)	4292526573 (0xFFDAC1ED)
YUV	205.4910, 15.5339, 10.9704
Hunter-Lab	76.9154, 12.2230, -14.1337

Details

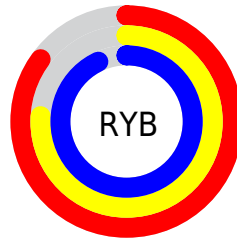
The Yxy color **59.1598, 0.3004, 0.2809** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **78.3948, 0.3231, 0.3778**, and the grayscale version is **61.2792, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8512, 0.3129, 0.3242**, and **29.5880, 0.2971, 0.2691** is the 20% darker color. If you saturate the color by 10%, you get **47.9828, 0.2922, 0.2527**, and if you desaturate by 10%, it is **72.1176, 0.3075, 0.3076**.

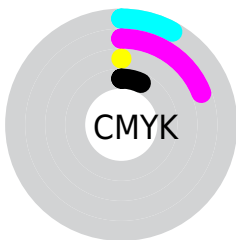
Distribution



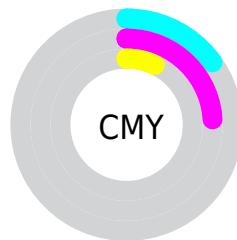
- Red (85%)
- Green (76%)
- Blue (93%)



- Red (85%)
- Yellow (76%)
- Blue (93%)



- Cyan (8%)
- Magenta (19%)
- Yellow (0%)
- Black (7%)





- Cyan (15%)
- Magenta (24%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.1598, 0.3004, 0.2809 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 59.1598, 0.3004, 0.2809 by changing the saturation by 10% instead.

 59.1598, 0.3004,
0.2809

 59.1598, 0.3004,
0.2809

421.4939, 0.3066,
0.3032

 42.7418, 0.2989,
0.2758


 103.6099, 0.3026,
0.2886

 29.6826, 0.2969,
0.2695


132.4107, 0.3035,
0.2916

 19.5978, 0.2944,
0.2616


166.1080, 0.3042,
0.2942

 12.1030, 0.2909,
0.2512

205.0860, 0.3048,
0.2965

 6.8139, 0.2859,
0.2372

249.7292, 0.3053,
0.2985

 3.3460, 0.2781,
0.2172

300.4220, 0.3058,

 1.3149, 0.2646,

0.3002

0.1866

357.5487, 0.3062,
0.3018

0.1527, 0.2459,
0.0675

0.0000, 0.0000,
0.0000

59.1598, 0.3004,
0.2809

59.1598, 0.3004,
0.2809

47.9828, 0.2922,
0.2527

72.1176, 0.3075,
0.3076

38.4976, 0.2828,
0.2236

86.9249, 0.3135,
0.3325

30.6187, 0.2723,
0.1948

97.7124, 0.3192,
0.3466

24.2498, 0.2611,
0.1674

98.8927, 0.3232,
0.3464

■ 19.2841, 0.2495,
0.1428

■ 15.6001, 0.2378,
0.1224

■ 13.0545, 0.2266,
0.1072

■ 11.4403, 0.2163,
0.0970

■ 11.2424, 0.2149,
0.0958

Harmonies

Analogous

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



59.1598, 0.2723, 0.2759



59.1598, 0.3004, 0.2809



59.1598, 0.3333, 0.2971

Triad

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



59.1598, 0.3004, 0.2809



59.1598, 0.3728, 0.3716



59.1598, 0.2656, 0.3345

Complementary

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



59.1598, 0.3004, 0.2809



78.3948, 0.3231, 0.3778

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.



59.1598, 0.2906, 0.3644



59.1598, 0.3004, 0.2809



59.1598, 0.3527, 0.3855

Square

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



59.1598, 0.3004, 0.2809



59.1598, 0.3763, 0.3478



59.1598, 0.3224, 0.3835



59.1598, 0.2531, 0.3049

Rectangle

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



59.1598, 0.3004, 0.2809



59.1598, 0.3533, 0.3124



59.1598, 0.3224, 0.3835



59.1598, 0.2727, 0.3450

Sweetspot

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



59.1623, 0.3004, 0.2809



89.3933, 0.3091, 0.3141



64.5672, 0.2833, 0.3007



18.8971, 0.3087, 0.3124



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.



59.1623, 0.3004, 0.2809



64.9764, 0.2976, 0.2711



62.0855, 0.3170, 0.2859



14.9716, 0.3069, 0.3053



6.2187, 0.2165, 0.0966



0.5450, 0.2304, 0.1043

Inverse Universe

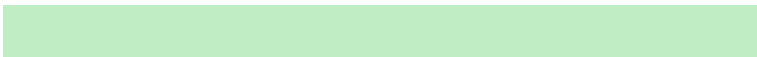
The Inverse Universe completely reimagines the original color for something new.



60.8948, 0.3338, 0.3086



67.3940, 0.3388, 0.3045



75.8724, 0.3086, 0.3763



15.1619, 0.3225, 0.3189



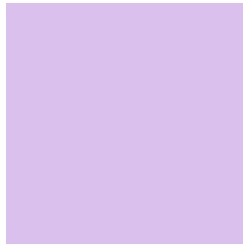
10.3813, 0.5245, 0.2663



0.8341, 0.4895, 0.2470

Previews

White Background



This preview shows how the Yxy color 59.1598, 0.3004, 0.2809 looks on a white background.

Color Contrast Check

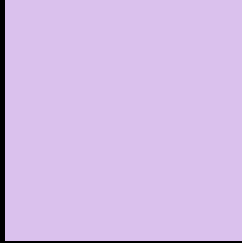
Large Text (above 18pt) WCAG AA × Fail

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 59.1598, 0.3004, 0.2809 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

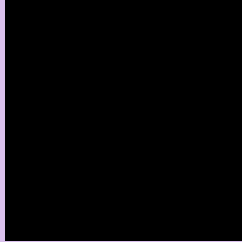
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.1598, 0.3004, 0.2809

Background



This preview shows how black text looks on a background with the Yxy color 59.1598, 0.3004, 0.2809.



This preview shows how white text looks on a background with the Yxy color 59.1598, 0.3004, 0.2809.

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

59.1598, 0.3004, 0.2809

Protanopia

59.1887, 0.2800, 0.2813

Deuteranopia

59.1104, 0.2922, 0.2852



Tritanopia

59.0327, 0.3144, 0.3108

Trichromacy



Original Color

59.1598, 0.3004, 0.2809

Protanomaly

58.9203, 0.2874, 0.2807

Deuteranomaly

59.2376, 0.2951, 0.2845

Tritanomaly

59.2009, 0.3086, 0.2998

Monochromacy



Original Color

59.1598, 0.3004, 0.2809

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.4847, 0.3082, 0.3108

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.1598, 0.3004, 0.2809 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(218, 193, 237)` looks like.

```
.text, #text, p{  
    color:rgb(218, 193, 237)  
}
```

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(218, 193, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 193, 237) }
```

Border

The CSS property to change the border of an element to Yxy 59.1598, 0.3004, 0.2809 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(218, 193, 237) }
```

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

```
.border{ border-color:rgb(218, 193, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 193, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 193, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 193, 237);  
box-shadow:4px 4px 4px 4px rgb(218, 193,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 59.1598, 0.3004, 0.2809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 193, 237) }
```

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

```
.background{ background-color: rgb(218,  
193, 237) }
```

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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