

Converting Colors

Yxy(58.1830, 0.3071, 0.2802)

Have a look what the booklet for
Yxy(58.1830, 0.3071, 0.2802)
contains.

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Color

Yxy(58.1830, 0.3071, 0.2802)

Conversions

Conversions Part 1

Format	Color
Hex	E0BDEA
RGB	224, 189, 234
RGB Percent	88%, 74%, 92%
CMY	0.1219, 0.2587, 0.0824
CMYK	0.04, 0.19, 0.00, 0.08
HSL	287°, 52%, 83%
HSV	287°, 19%, 92%
XYZ	63.7687, 58.1830, 85.6964
YIQ	204.5950, 6.4150, 21.4150

Conversions

Conversions Part 2

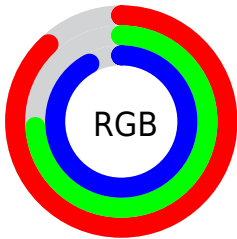
Format	Color
R _Y B	224, 189, 234
Decimal	14728682
CIE Lab	80.84, 20.30, -17.69
CIE LCh	81, 26.927, 318.932
Yxy	58.1830, 0.3071, 0.2802
Android (android.graphics.Color)	4292918762 (0xFFE0BDEA)
YUV	204.5950, 14.4967, 17.0182
Hunter-Lab	76.2778, 15.7411, -13.2165

Details

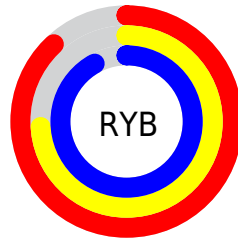
The Yxy color **58.1830, 0.3071, 0.2802** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **74.6660, 0.3170, 0.3807**, and the grayscale version is **60.6800, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7848, 0.3132, 0.3194**, and **29.1475, 0.3050, 0.2695** is the 20% darker color. If you saturate the color by 10%, you get **48.0921, 0.3033, 0.2535**, and if you desaturate by 10%, it is **69.9285, 0.3103, 0.3062**.

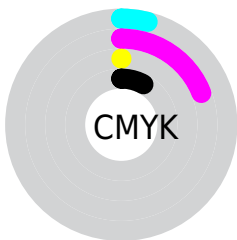
Distribution



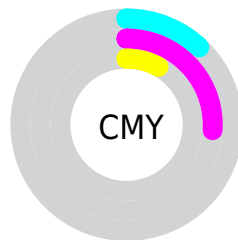
- Red (88%)
- Green (74%)
- Blue (92%)



- Red (88%)
- Yellow (74%)
- Blue (92%)



- Cyan (4%)
- Magenta (19%)
- Yellow (0%)
- Black (8%)





- Cyan (12%)
- Magenta (26%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.1830, 0.3071, 0.2802 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 58.1830, 0.3071, 0.2802 by changing the saturation by 10% instead.

 58.1830, 0.3071,
0.2802

 58.1830, 0.3071,
0.2802


417.8675, 0.3101,
0.3028

 41.9558, 0.3063,
0.2750


 102.1893, 0.3082,
0.2880

 29.0667, 0.3053,
0.2687


130.7372, 0.3087,
0.2911

 19.1313, 0.3038,
0.2606


164.1607, 0.3090,
0.2937

 11.7652, 0.3019,
0.2501

202.8444, 0.3093,
0.2960

 6.5840, 0.2989,
0.2359

247.1725, 0.3096,
0.2980

 3.2033, 0.2939,
0.2156


297.5294, 0.3098,

 1.2388, 0.2849,


0.2998


0.1845


354.2996, 0.3100,
0.3014


 0.0930, 0.2827,
0.0450


 0.0000, 0.0000,
0.0000

 58.1830, 0.3071,
0.2802


 58.1830, 0.3071,
0.2802


 48.0921, 0.3033,
0.2535

 69.9285, 0.3103,
0.3062


 39.5705, 0.2989,
0.2269

 83.3940, 0.3129,
0.3309

 32.5363, 0.2939,
0.2013

 95.9205, 0.3153,
0.3499

 26.8971, 0.2883,
0.1779

 96.8485, 0.3186,
0.3497

■ 22.5503, 0.2825,
0.1577

■ 97.8031, 0.3219,
0.3495

■ 19.3787, 0.2764,
0.1417

■ 98.7194, 0.3250,
0.3493

■ 17.2436, 0.2703,
0.1304

■ 15.9280, 0.2645,
0.1233

■ 15.8374, 0.2640,
0.1228

Harmonies

Analogous

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



58.1830, 0.2750, 0.2719



58.1830, 0.3071, 0.2802



58.1830, 0.3425, 0.2998

Triad

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



58.1830, 0.3071, 0.2802



58.1830, 0.3742, 0.3794



58.1830, 0.2575, 0.3273

Complementary

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



58.1830, 0.3071, 0.2802



74.6660, 0.3170, 0.3807

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.



58.1830, 0.2818, 0.3608



58.1830, 0.3071, 0.2802



58.1830, 0.3492, 0.3914

Square

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



58.1830, 0.3071, 0.2802



58.1830, 0.3825, 0.3553



58.1830, 0.3152, 0.3851



58.1830, 0.2476, 0.2967

Rectangle

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



58.1830, 0.3071, 0.2802



58.1830, 0.3628, 0.3172



58.1830, 0.3152, 0.3851



58.1830, 0.2642, 0.3387

Sweetspot

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



58.1855, 0.3071, 0.2802



89.9800, 0.3112, 0.3142



57.8515, 0.2816, 0.2889



19.0360, 0.3110, 0.3126



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.



58.1855, 0.3071, 0.2802



65.7127, 0.3057, 0.2698



59.1742, 0.3240, 0.2936



15.1339, 0.3102, 0.3055



8.9597, 0.2649, 0.1233



0.7452, 0.2730, 0.1278

Inverse Universe

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



58.0285, 0.3422, 0.3180



65.5250, 0.3498, 0.3156



73.8766, 0.3030, 0.3673



15.1093, 0.3258, 0.3237



9.9866, 0.6006, 0.3082



0.7984, 0.5622, 0.2871

Previews

White Background



This preview shows how the Yxy color 58.1830, 0.3071, 0.2802 looks on a white background.

Color Contrast Check

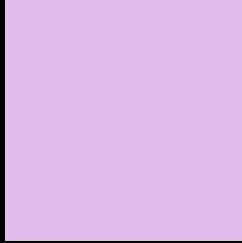
Large Text (above 18pt) WCAG AA × Fail

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 58.1830, 0.3071, 0.2802 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

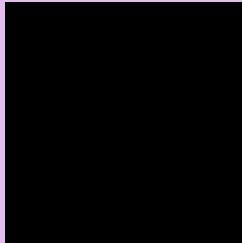
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.1830, 0.3071, 0.2802

Background



This preview shows how black text looks on a background with the Yxy color 58.1830, 0.3071, 0.2802.



This preview shows how white text looks on a background with the Yxy color 58.1830, 0.3071, 0.2802.

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

58.1830, 0.3071, 0.2802

Protanopia

58.4042, 0.2792, 0.2810

Deuteranopia

58.3422, 0.2935, 0.2872



Tritanopia

58.4027, 0.3223, 0.3121

Trichromacy



Original Color

58.1830, 0.3071, 0.2802

Protanomaly

58.0406, 0.2894, 0.2806

Deuteranomaly

58.0202, 0.2986, 0.2844

Tritanomaly

58.1334, 0.3165, 0.3000

Monochromacy



Original Color

58.1830, 0.3071, 0.2802

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

59.8018, 0.3105, 0.3097

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.1830, 0.3071, 0.2802 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(224, 189, 234)` looks like.

```
.text, #text, p{  
    color:rgb(224, 189, 234)  
}
```

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(224, 189, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 189, 234) }
```

Border

The CSS property to change the border of an element to Yxy 58.1830, 0.3071, 0.2802 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(224, 189, 234) }
```

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

```
.border{ border-color:rgb(224, 189, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 189, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(224, 189, 234); -webkit-box-shadow:4px 4px 4px 4px rgb(224, 189, 234); box-shadow:4px 4px 4px 4px rgb(224, 189, 234) }
```


Background

The CSS property to change the background color of an element to Yxy 58.1830, 0.3071, 0.2802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 189, 234) }
```

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

```
.background{ background-color: rgb(224,  
189, 234) }
```

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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