

Converting Colors

Yxy(59.3583, 0.3143, 0.2840)

Have a look what the booklet for
Yxy(59.3583, 0.3143, 0.2840)
contains.

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Color

Yxy(59.1536, 0.3148, 0.2840)

Conversions

Conversions Part 1

Format	Color
Hex	E7BDE7
RGB	231, 189, 231
RGB Percent	91%, 74%, 91%
CMY	0.0942, 0.2588, 0.0941
CMYK	0.00, 0.18, 0.00, 0.09
HSL	300°, 47%, 82%
HSV	300°, 18%, 91%
XYZ	65.5688, 59.1536, 83.5649
YIQ	206.3460, 11.5500, 21.9660

Conversions

Conversions Part 2

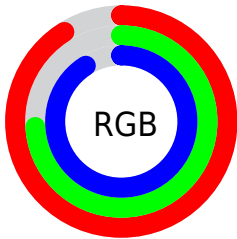
Format	Color
R_{YB}	231, 189, 231
Decimal	15187431
CIE _{Lab}	81.38, 22.07, -15.22
CIE _{LCh}	81, 26.814, 325.408
Yxy	59.1536, 0.3148, 0.2840
Android (android.graphics.Color)	4293377511 (0xFFE7BDE7)
YUV	206.3460, 12.1544, 21.6216
Hunter-Lab	76.9114, 17.5807, -10.5811

Details

The Yxy color **59.1536, 0.3148, 0.2840** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **71.6540, 0.3104, 0.3785**, and the grayscale version is **61.8698, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7848, 0.3132, 0.3194**, and **29.5371, 0.3153, 0.2733** is the 20% darker color. If you saturate the color by 10%, you get **49.9926, 0.3160, 0.2590**, and if you desaturate by 10%, it is **69.9025, 0.3136, 0.3090**.

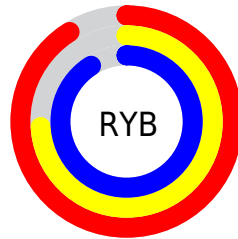
Distribution



Red (91%)

Green (74%)

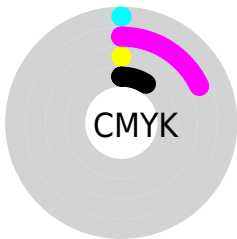
Blue (91%)



Red (91%)

Yellow (74%)

Blue (91%)

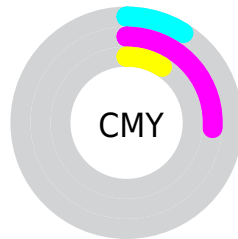


Cyan (0%)

Magenta (18%)

Yellow (0%)

Black (9%)



Cyan (9%)


Magenta (26%)


Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.1536, 0.3148, 0.2840 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 59.1536, 0.3148, 0.2840 by changing the saturation by 10% instead.


 59.1536, 0.3148,
0.2840

 59.1536, 0.3148,
0.2840


421.4709, 0.3141,
0.3048

 42.7368, 0.3149,
0.2793


 103.6009, 0.3146,
0.2912

 29.6786, 0.3149,
0.2734


132.4001, 0.3145,
0.2940

 19.5948, 0.3150,
0.2660


166.0956, 0.3145,
0.2964

 12.1008, 0.3149,
0.2563

205.0718, 0.3144,
0.2986

 6.8124, 0.3145,
0.2432

249.7130, 0.3143,
0.3004

 3.3451, 0.3137,
0.2245

300.4037, 0.3142,

 1.3144, 0.3112,

0.3020

0.1958

357.5282, 0.3142,
0.3035

0.1523, 0.3269,
0.0728

0.0000, 0.0000,
0.0000

59.1536, 0.3148,
0.2840

59.1536, 0.3148,
0.2840

49.9926, 0.3160,
0.2590

69.9025, 0.3136,
0.3090

42.3371, 0.3171,
0.2349

82.3014, 0.3125,
0.3334

36.1089, 0.3181,
0.2126

94.2829, 0.3116,
0.3533

31.2195, 0.3190,
0.1931

94.2861, 0.3116,
0.3533

27.5709, 0.3197,
0.1772

94.2892, 0.3116,
0.3533

25.0515, 0.3202,
0.1654

94.2923, 0.3116,
0.3533

23.5299, 0.3206,
0.1580

94.2955, 0.3116,
0.3533

22.8199, 0.3207,
0.1545

94.2986, 0.3116,
0.3533

22.7278, 0.3207,
0.1540

94.3018, 0.3117,
0.3533

Harmonies

Analogous

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



59.1536, 0.2815, 0.2731



59.1536, 0.3148, 0.2840



59.1536, 0.3493, 0.3053

Triad

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



59.1536, 0.3148, 0.2840



59.1536, 0.3695, 0.3828



59.1536, 0.2546, 0.3201

Complementary

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



59.1536, 0.3148, 0.2840



71.6540, 0.3104, 0.3785

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.



59.1536, 0.2759, 0.3536



59.1536, 0.3148, 0.2840



59.1536, 0.3420, 0.3911

Square

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



59.1536, 0.3148, 0.2840



59.1536, 0.3817, 0.3609



59.1536, 0.3077, 0.3807



59.1536, 0.2482, 0.2917

Rectangle

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



59.1536, 0.3148, 0.2840



59.1536, 0.3676, 0.3233



59.1536, 0.3077, 0.3807



59.1536, 0.2602, 0.3313

Sweetspot

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



59.1562, 0.3148, 0.2840



92.1312, 0.3133, 0.3168



53.2953, 0.2828, 0.2803



19.4923, 0.3134, 0.3150



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.



59.1562, 0.3148, 0.2840



69.2721, 0.3153, 0.2741



58.0808, 0.3304, 0.3052



14.6146, 0.3138, 0.3059



12.7414, 0.3207, 0.1540



0.9417, 0.3207, 0.1541

Inverse Universe

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



57.0685, 0.3480, 0.3291



66.1819, 0.3577, 0.3291



72.5936, 0.2981, 0.3541



14.3682, 0.3292, 0.3290



9.5246, 0.6400, 0.3299



0.7039, 0.6397, 0.3298

Previews

White Background



This preview shows how the Yxy color 59.1536, 0.3148, 0.2840 looks on a white background.

Color Contrast Check

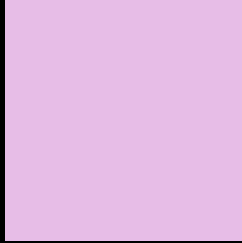
Large Text (above 18pt) WCAG AA × Fail

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 59.1536, 0.3148, 0.2840 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 59.1536, 0.3148, 0.2840

Background



This preview shows how black text looks on a background with the Yxy color 59.1536, 0.3148, 0.2840.



This preview shows how white text looks on a background with the Yxy color 59.1536, 0.3148, 0.2840.

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

59.1536, 0.3148, 0.2840

Protanopia

59.6074, 0.2827, 0.2857

Deuteranopia

59.1450, 0.2992, 0.2929



Tritanopia

59.1880, 0.3296, 0.3124

Trichromacy



Original Color

59.1536, 0.3148, 0.2840

Protanomaly

59.3985, 0.2937, 0.2854

Deuteranomaly

59.0485, 0.3045, 0.2891

Tritanomaly

59.3152, 0.3244, 0.3027

Monochromacy



Original Color

59.1536, 0.3148, 0.2840

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

60.6619, 0.3135, 0.3121

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.1536, 0.3148, 0.2840 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(231, 189, 231)` looks like.

```
.text, #text, p{  
    color:rgb(231, 189, 231)  
}
```

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(231, 189, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 189, 231) }
```

Border

The CSS property to change the border of an element to Yxy 59.1536, 0.3148, 0.2840 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(231, 189, 231) }
```

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

```
.border{ border-color:rgb(231, 189, 231) }
```

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

Here you see how a box with a 4 pixel rgb(231, 189, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 189, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 189, 231);  
box-shadow:4px 4px 4px 4px rgb(231, 189,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 59.1536, 0.3148, 0.2840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 189, 231) }
```

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

```
.background{ background-color: rgb(231,  
189, 231) }
```

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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