

Converting Colors

$Y_{xy}(59.6339, 0.2925, 0.2601)$

Have a look what the booklet for
Yxy(59.6339, 0.2925, 0.2601)
contains.

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Color

Yxy(59.4625, 0.2925, 0.2597)

Conversions

Conversions Part 1

Format	Color
Hex	E0BDFE
RGB	224, 189, 255
RGB Percent	88%, 74%, 100%
CMY	0.1218, 0.2587, 0.0001
CMYK	0.12, 0.26, 0.00, 0.00
HSL	272°, 100%, 87%
HSV	272°, 26%, 100%
XYZ	66.9726, 59.4625, 102.5310
YIQ	206.9890, -0.3260, 27.9460

Conversions

Conversions Part 2

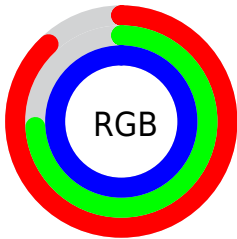
Format	Color
R _Y B	224, 189, 255
Decimal	14728703
CIE Lab	81.55, 24.47, -27.85
CIE LCh	82, 37.077, 311.308
Yxy	59.4625, 0.2925, 0.2597
Android (android.graphics.Color)	4292918783 (0xFFE0BDF5)
YUV	206.9890, 23.6694, 14.9186
Hunter-Lab	77.1119, 20.0834, -24.8559

Details

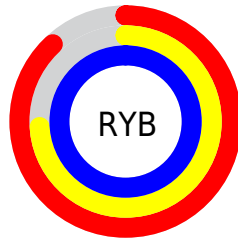
The Yxy color **59.4625, 0.2925, 0.2597** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **90.4010, 0.3287, 0.3990**, and the grayscale version is **62.2328, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7848, 0.3132, 0.3194**, and **29.7300, 0.2868, 0.2436** is the 20% darker color. If you saturate the color by 10%, you get **47.5922, 0.2825, 0.2303**, and if you desaturate by 10%, it is **73.4012, 0.3013, 0.2880**.

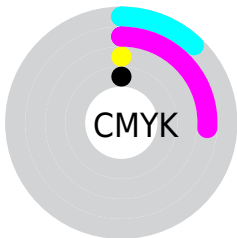
Distribution



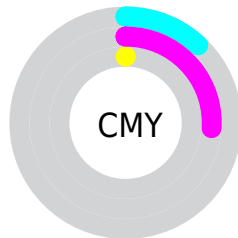
- Red (88%)
- Green (74%)
- Blue (100%)



- Red (88%)
- Yellow (74%)
- Blue (100%)



- Cyan (12%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)





- Cyan (12%)
- Magenta (26%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.4625, 0.2925, 0.2597 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 59.4625, 0.2925, 0.2597 by changing the saturation by 10% instead.


 59.4625, 0.2925,
0.2597

 59.4625, 0.2925,
0.2597

422.6137, 0.3026,
0.2912

 42.9855, 0.2900,
0.2527


 104.0496, 0.2962,
0.2705

 29.8738, 0.2869,
0.2442


132.9285, 0.2975,
0.2747

 19.7428, 0.2827,
0.2335


166.7101, 0.2987,
0.2784

 12.2082, 0.2772,
0.2199

205.7789, 0.2997,
0.2816

 6.8856, 0.2693,
0.2020

250.5193, 0.3006,
0.2844

 3.3907, 0.2573,
0.1774

301.3156, 0.3014,

 1.3389, 0.2377,

0.2869

0.1425

358.5523, 0.3020,
0.2891

0.1711, 0.2111,
0.0475

0.0000, 0.0000,
0.0000

59.4625, 0.2925,
0.2597

59.4625, 0.2925,
0.2597

47.5922, 0.2825,
0.2303

73.4012, 0.3013,
0.2880

37.6790, 0.2713,
0.2006

89.4971, 0.3088,
0.3144

29.6126, 0.2592,
0.1720

99.9982, 0.3127,
0.3290

23.2680, 0.2465,
0.1458

■ 18.5042, 0.2339,
0.1235

■ 15.1566, 0.2217,
0.1063

■ 13.0220, 0.2106,
0.0947

■ 12.3715, 0.2063,
0.0910

Harmonies

Analogous

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



59.4625, 0.2527, 0.2526



59.4625, 0.2925, 0.2597



59.4625, 0.3410, 0.2821

Triad

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



59.4625, 0.2925, 0.2597



59.4625, 0.4017, 0.3887



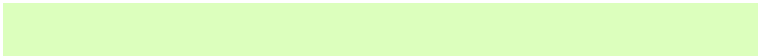
59.4625, 0.2447, 0.3377

Complementary

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



59.4625, 0.2925, 0.2597



90.4010, 0.3287, 0.3990

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.



59.4625, 0.2808, 0.3838



59.4625, 0.2925, 0.2597



59.4625, 0.3718, 0.4121

Square

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



59.4625, 0.2925, 0.2597



59.4625, 0.4069, 0.3532



59.4625, 0.3272, 0.4121



59.4625, 0.2269, 0.2932

Rectangle

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



59.4625, 0.2925, 0.2597



59.4625, 0.3714, 0.3033



59.4625, 0.3272, 0.4121



59.4625, 0.2550, 0.3539

Sweetspot

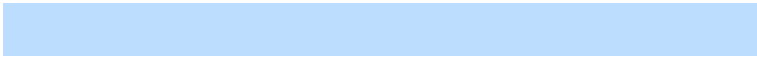
The Sweet Spot groups the original color and five complimentary colors.



59.4650, 0.2925, 0.2597



85.8930, 0.3073, 0.3089



69.7014, 0.2712, 0.2914



17.8512, 0.3062, 0.3050



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.



59.4650, 0.2925, 0.2597



53.1278, 0.2875, 0.2447



64.8097, 0.3165, 0.2654



17.8512, 0.3062, 0.3050



6.5557, 0.2080, 0.0919



0.7034, 0.2199, 0.0985

Inverse Universe

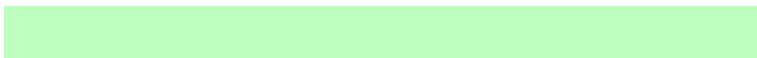
The Inverse Universe completely reimagines the original color for something new.



62.8320, 0.3425, 0.2974



57.1021, 0.3504, 0.2909



86.0480, 0.3086, 0.4021



18.1293, 0.3220, 0.3179



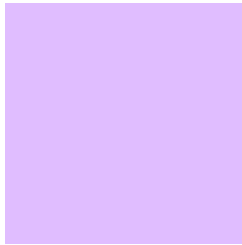
11.8464, 0.5090, 0.2578



1.1753, 0.4820, 0.2429

Previews

White Background



This preview shows how the Yxy color 59.4625, 0.2925, 0.2597 looks on a white background.

Color Contrast Check

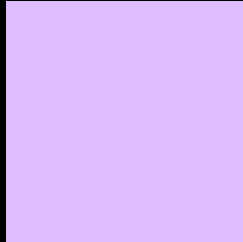
Large Text (above 18pt) WCAG AA × Fail

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 59.4625, 0.2925, 0.2597 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

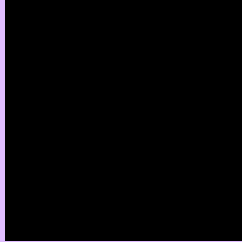
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.4625, 0.2925, 0.2597

Background



This preview shows how black text looks on a background with the Yxy color 59.4625, 0.2925, 0.2597.

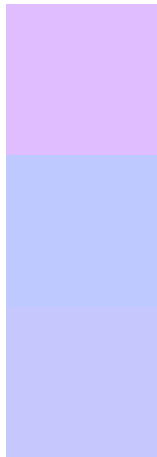


This preview shows how white text looks on a background with the Yxy color 59.4625, 0.2925, 0.2597.

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

59.4625, 0.2925, 0.2597

Protanopia

59.8121, 0.2690, 0.2685

Deuteranopia

59.8090, 0.2753, 0.2691



Tritanopia

59.4377, 0.3174, 0.3120

Trichromacy



Original Color

59.4625, 0.2925, 0.2597

Protanomaly

59.7091, 0.2773, 0.2655

Deuteranomaly

59.4514, 0.2812, 0.2648

Tritanomaly

59.4007, 0.3083, 0.2915

Monochromacy



Original Color

59.4625, 0.2925, 0.2597

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

60.8365, 0.3056, 0.3021

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.4625, 0.2925, 0.2597 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, 255)` looks like.

```
.text, #text, p{  
    color:rgb(224, 189, 255)  
}
```

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, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 189, 255) }
```

Border

The CSS property to change the border of an element to Yxy 59.4625, 0.2925, 0.2597 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, 255) }
```

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

```
.border{ border-color:rgb(224, 189, 255) }
```

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, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 189, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 189, 255);  
box-shadow:4px 4px 4px 4px rgb(224, 189,  
255) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 59.4625, 0.2925, 0.2597$ 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, 255) }
```

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

```
.background{ background-color: rgb(224,  
189, 255) }
```

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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