

Converting Colors

Yxy(59.7124, 0.3071, 0.2750)

Have a look what the booklet for
Yxy(59.7124, 0.3071, 0.2750)
contains.

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Color

Yxy(59.5095, 0.3075, 0.2749)

Conversions

Conversions Part 1

Format	Color
Hex	E6BDF0
RGB	230, 189, 240
RGB Percent	90%, 74%, 94%
CMY	0.0979, 0.2589, 0.0589
CMYK	0.04, 0.21, 0.00, 0.06
HSL	288°, 63%, 84%
HSV	288°, 21%, 94%
XYZ	66.5666, 59.5095, 90.4008
YIQ	207.0730, 8.0650, 24.5530

Conversions

Conversions Part 2

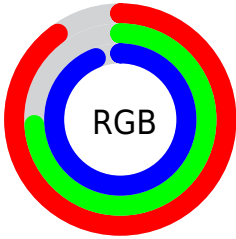
Format	Color
R _Y B	230, 189, 240
Decimal	15121904
CIE Lab	81.57, 23.46, -19.75
CIE LCh	82, 30.669, 319.912
Yxy	59.5095, 0.3075, 0.2749
Android (android.graphics.Color)	4293311984 (0xFFE6BDF0)
YUV	207.0730, 16.2330, 20.1070
Hunter-Lab	77.1424, 19.0295, -15.4804

Details

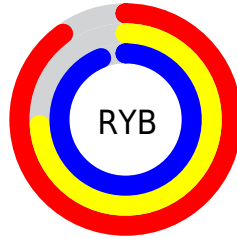
The Yxy color **59.5095, 0.3075, 0.2749** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **78.1154, 0.3165, 0.3870**, and the grayscale version is **62.3393, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7848, 0.3132, 0.3194**, and **29.7873, 0.3055, 0.2617** is the 20% darker color. If you saturate the color by 10%, you get **49.2647, 0.3042, 0.2484**, and if you desaturate by 10%, it is **71.4883, 0.3102, 0.3010**.

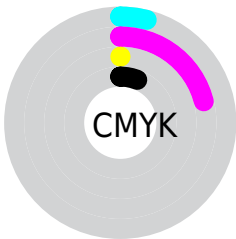
Distribution



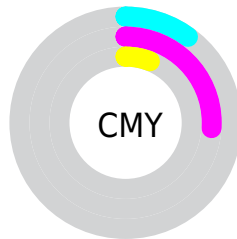
- Red (90%)
- Green (74%)
- Blue (94%)



- Red (90%)
- Yellow (74%)
- Blue (94%)



- Cyan (4%)
- Magenta (21%)
- Yellow (0%)
- Black (6%)





- Cyan (10%)
- Magenta (26%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.5095, 0.3075, 0.2749 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 59.5095, 0.3075, 0.2749 by changing the saturation by 10% instead.


 59.5095, 0.3075,
0.2749

 59.5095, 0.3075,
0.2749


422.7874, 0.3104,
0.2997

 43.0234, 0.3067,
0.2693


 104.1178, 0.3086,
0.2835

 29.9035, 0.3057,
0.2624


133.0088, 0.3090,
0.2868

 19.7653, 0.3043,
0.2537


166.8036, 0.3093,
0.2897

 12.2246, 0.3023,
0.2425

205.8865, 0.3096,
0.2922

 6.8968, 0.2993,
0.2275

250.6419, 0.3099,
0.2944

 3.3977, 0.2944,
0.2064


301.4543, 0.3101,

 1.3427, 0.2853,


0.2964


0.1748


358.7080, 0.3103,
0.2981


 0.1739, 0.2819,
0.0664


 0.0000, 0.0000,
0.0000


 59.5095, 0.3075,
0.2749


 59.5095, 0.3075,
0.2749


 49.2647, 0.3042,
0.2484


 71.4883, 0.3102,
0.3010


 40.6621, 0.3004,
0.2222

 85.2717, 0.3125,
0.3260

 33.6130, 0.2960,
0.1974

 97.0567, 0.3146,
0.3437

 28.0173, 0.2913,
0.1751

 97.9044, 0.3175,
0.3436

■ 23.7629, 0.2862,
0.1564

■ 98.7734, 0.3205,
0.3435

■ 20.7212, 0.2809,
0.1419

■ 99.0702, 0.3215,
0.3435

■ 18.7382, 0.2757,
0.1321

■ 17.6554, 0.2712,
0.1268

Harmonies

Analogous

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



59.5095, 0.2711, 0.2650



59.5095, 0.3075, 0.2749



59.5095, 0.3476, 0.2970

Triad

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



59.5095, 0.3075, 0.2749



59.5095, 0.3814, 0.3863



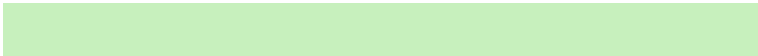
59.5095, 0.2500, 0.3255

Complementary

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



59.5095, 0.3075, 0.2749



78.1154, 0.3165, 0.3870

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.



59.5095, 0.2766, 0.3639



59.5095, 0.3075, 0.2749



59.5095, 0.3524, 0.3999

Square

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



59.5095, 0.3075, 0.2749



59.5095, 0.3917, 0.3591



59.5095, 0.3139, 0.3924



59.5095, 0.2396, 0.2912

Rectangle

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



59.5095, 0.3075, 0.2749



59.5095, 0.3704, 0.3165



59.5095, 0.3139, 0.3924



59.5095, 0.2572, 0.3385

Sweetspot

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



59.5121, 0.3075, 0.2749



90.0625, 0.3115, 0.3142



58.0421, 0.2778, 0.2820



19.0555, 0.3113, 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.



59.5121, 0.3075, 0.2749



63.5700, 0.3063, 0.2647



60.3327, 0.3268, 0.2913



15.8667, 0.3107, 0.3055



9.7229, 0.2720, 0.1272



0.8482, 0.2788, 0.1310

Inverse Universe

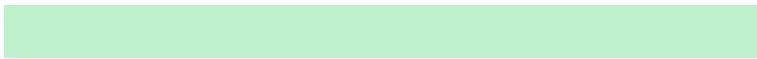
The Inverse Universe completely reimagines the original color for something new.



59.0339, 0.3474, 0.3183



62.9748, 0.3555, 0.3163



77.5005, 0.3010, 0.3699



15.8092, 0.3263, 0.3244



10.2671, 0.6087, 0.3127



0.8676, 0.5738, 0.2934

Previews

White Background



This preview shows how the Yxy color 59.5095, 0.3075, 0.2749 looks on a white background.

Color Contrast Check

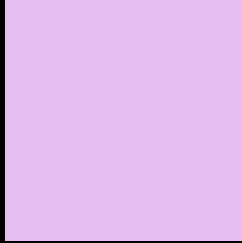
Large Text (above 18pt) WCAG AA × Fail

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 59.5095, 0.3075, 0.2749 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

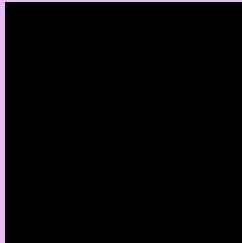
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.5095, 0.3075, 0.2749

Background



This preview shows how black text looks on a background with the Yxy color 59.5095, 0.3075, 0.2749.

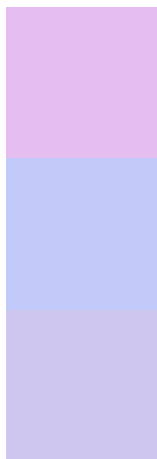


This preview shows how white text looks on a background with the Yxy color 59.5095, 0.3075, 0.2749.

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

59.5095, 0.3075, 0.2749

Protanopia

59.7571, 0.2751, 0.2760

Deuteranopia

59.6830, 0.2909, 0.2843



Tritanopia

59.4055, 0.3264, 0.3113

Trichromacy



Original Color

59.5095, 0.3075, 0.2749

Protanomaly

59.6469, 0.2863, 0.2759

Deuteranomaly

59.7093, 0.2968, 0.2807

Tritanomaly

59.2506, 0.3190, 0.2973

Monochromacy



Original Color

59.5095, 0.3075, 0.2749

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

60.8701, 0.3106, 0.3076

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.5095, 0.3075, 0.2749 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(230, 189, 240)` looks like.

```
.text, #text, p{  
    color:rgb(230, 189, 240)  
}
```

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(230, 189, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 189, 240) }
```

Border

The CSS property to change the border of an element to Yxy 59.5095, 0.3075, 0.2749 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(230, 189, 240) }
```

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

```
.border{ border-color:rgb(230, 189, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 189, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 189, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 189, 240);  
box-shadow:4px 4px 4px 4px rgb(230, 189,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 59.5095, 0.3075, 0.2749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 189, 240) }
```

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

```
.background{ background-color: rgb(230,  
189, 240) }
```

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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