

Converting Colors

Yxy(59.8621, 0.2976, 0.2595)

Have a look what the booklet for
Yxy(59.8621, 0.2976, 0.2595)
contains.

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Color

Yxy(60.0094, 0.2969, 0.2595)

Conversions

Conversions Part 1

Format	Color
Hex	E6BCFF
RGB	230, 188, 255
RGB Percent	90%, 74%, 100%
CMY	0.0982, 0.2627, 0.0000
CMYK	0.10, 0.26, 0.00, 0.00
HSL	278°, 100%, 87%
HSV	278°, 26%, 100%
XYZ	68.6582, 60.0094, 102.5825
YIQ	208.1960, 3.5250, 29.7410

Conversions

Conversions Part 2

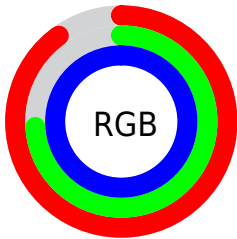
Format	Color
R _Y B	230, 188, 255
Decimal	15121663
CIE Lab	81.84, 26.89, -27.37
CIE LCh	82, 38.370, 314.494
Yxy	60.0094, 0.2969, 0.2595
Android (android.graphics.Color)	4293311743 (0xFFE6BCFF)
YUV	208.1960, 23.0744, 19.1221
Hunter-Lab	77.4657, 22.6401, -24.2877

Details

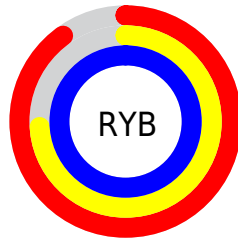
The Yxy color $60.0094, 0.2969, 0.2595$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $89.3064, 0.3248, 0.4012$, and the grayscale version is $63.0549, 0.3127, 0.3290$.

A 20% lighter version of the original color is $93.1814, 0.3132, 0.3185$, and $30.1261, 0.2926, 0.2437$ is the 20% darker color. If you saturate the color by 10%, you get $48.5265, 0.2891, 0.2311$, and if you desaturate by 10%, it is $73.5067, 0.3037, 0.2872$.

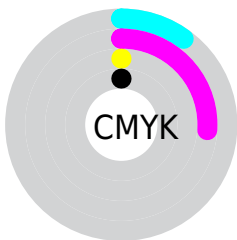
Distribution



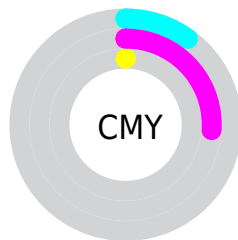
- Red (90%)
- Green (74%)
- Blue (100%)



- Red (90%)
- Yellow (74%)
- Blue (100%)



- Cyan (10%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)





- Cyan (10%)
- Magenta (26%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.0094, 0.2969, 0.2595 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 60.0094, 0.2969, 0.2595 by changing the saturation by 10% instead.


 60.0094, 0.2969,
0.2595

 60.0094, 0.2969,
0.2595

424.6324, 0.3050,
0.2909

 43.4262, 0.2949,
0.2525


 104.8433, 0.2999,
0.2702

 30.2197, 0.2923,
0.2440


133.8628, 0.3010,
0.2745

 20.0054, 0.2889,
0.2335


167.7965, 0.3019,
0.2781

 12.3990, 0.2843,
0.2200

207.0289, 0.3027,
0.2813

 7.0160, 0.2776,
0.2022

251.9443, 0.3034,
0.2842

 3.4721, 0.2675,
0.1780

302.9270, 0.3040,

 1.3829, 0.2505,

0.2867

0.1437

360.3616, 0.3045,
0.2889

0.2041, 0.2281,
0.0547

0.0000, 0.0000,
0.0000

60.0094, 0.2969,
0.2595

60.0094, 0.2969,
0.2595

48.5265, 0.2891,
0.2311

73.5067, 0.3037,
0.2872

38.9502, 0.2803,
0.2028

89.1086, 0.3096,
0.3135

31.1704, 0.2707,
0.1759

100.0000, 0.3127,
0.3290

25.0631, 0.2606,
0.1516

■ 20.4879, 0.2503,
0.1313

■ 17.2808, 0.2402,
0.1158

■ 15.2379, 0.2307,
0.1056

■ 14.6602, 0.2274,
0.1026

Harmonies

Analogous

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



60.0094, 0.2545, 0.2503



60.0094, 0.2969, 0.2595



60.0094, 0.3472, 0.2839

Triad

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



60.0094, 0.2969, 0.2595



60.0094, 0.4022, 0.3937



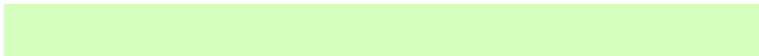
60.0094, 0.2398, 0.3326

Complementary

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



60.0094, 0.2969, 0.2595



89.3064, 0.3248, 0.4012

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.



60.0094, 0.2751, 0.3811



60.0094, 0.2969, 0.2595



60.0094, 0.3691, 0.4161

Square

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



60.0094, 0.2969, 0.2595



60.0094, 0.4107, 0.3578



60.0094, 0.3223, 0.4132



60.0094, 0.2237, 0.2878

Rectangle

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



60.0094, 0.2969, 0.2595



60.0094, 0.3777, 0.3063



60.0094, 0.3223, 0.4132



60.0094, 0.2496, 0.3493

Sweetspot

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



60.0111, 0.2969, 0.2595



86.2501, 0.3086, 0.3090



65.8526, 0.2698, 0.2831



17.9412, 0.3078, 0.3051



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.



60.0111, 0.2969, 0.2595



53.1875, 0.2925, 0.2432



63.9614, 0.3216, 0.2705



17.9412, 0.3078, 0.3051



7.7483, 0.2288, 0.1034



0.8168, 0.2392, 0.1091

Inverse Universe

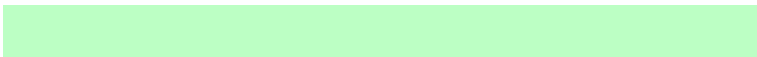
The Inverse Universe completely reimagines the original color for something new.



62.0415, 0.3484, 0.3034



55.6558, 0.3589, 0.2975



86.1917, 0.3049, 0.3956



18.0994, 0.3235, 0.3201



11.5701, 0.5490, 0.2798



1.1469, 0.5180, 0.2627

Previews

White Background



This preview shows how the Yxy color 60.0094, 0.2969, 0.2595 looks on a white background.

Color Contrast Check

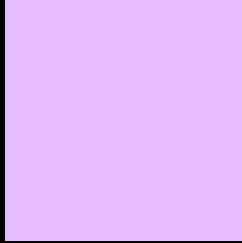
Large Text (above 18pt) WCAG AA × Fail

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 60.0094, 0.2969, 0.2595 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 60.0094, 0.2969, 0.2595

Background



This preview shows how black text looks on a background with the Yxy color 60.0094, 0.2969, 0.2595.

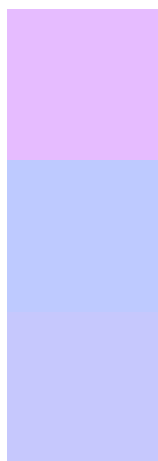


This preview shows how white text looks on a background with the Yxy color 60.0094, 0.2969, 0.2595.

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

60.0094, 0.2969, 0.2595

Protanopia

60.4082, 0.2698, 0.2698

Deuteranopia

60.4062, 0.2760, 0.2704



Tritanopia

59.9213, 0.3223, 0.3112

Trichromacy



Original Color

60.0094, 0.2969, 0.2595

Protanomaly

60.1316, 0.2794, 0.2658

Deuteranomaly

60.3373, 0.2834, 0.2663

Tritanomaly

59.9101, 0.3129, 0.2909

Monochromacy



Original Color

60.0094, 0.2969, 0.2595

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

61.8085, 0.3071, 0.3023

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.0094, 0.2969, 0.2595 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, 188, 255)` looks like.

```
.text, #text, p{  
    color:rgb(230, 188, 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(230, 188, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 188, 255) }
```

Border

The CSS property to change the border of an element to Yxy 60.0094, 0.2969, 0.2595 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, 188, 255) }
```

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

```
.border{ border-color:rgb(230, 188, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 188, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 188, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 188, 255);  
box-shadow:4px 4px 4px 4px rgb(230, 188,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 60.0094, 0.2969, 0.2595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 188, 255) }
```

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

```
.background{ background-color: rgb(230,  
188, 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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