

Converting Colors

Yxy(59.6134, 0.3088, 0.2978)

Have a look what the booklet for
Yxy(59.6134, 0.3088, 0.2978)
contains.

Yxy(59.6134, 0.3088, 0.2978)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(59.6134, 0.3088, 0.2978)

Conversions

Conversions Part 1

Format	Color
Hex	D9C4E0
RGB	217, 196, 224
RGB Percent	85%, 77%, 88%
CMY	0.1489, 0.2314, 0.1217
CMYK	0.03, 0.12, 0.00, 0.12
HSL	285°, 31%, 82%
HSV	285°, 12%, 88%
XYZ	61.8154, 59.6134, 78.7505
YIQ	205.4710, 3.5280, 13.1600

Conversions

Conversions Part 2

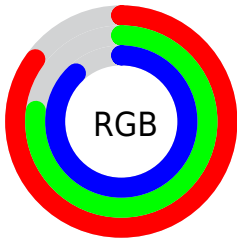
Format	Color
R _Y B	217, 196, 224
Decimal	14271712
CIE Lab	81.63, 12.39, -11.20
CIE LCh	82, 16.705, 317.886
Yxy	59.6134, 0.3088, 0.2978
Android (android.graphics.Color)	4292461792 (0xFFD9C4E0)
YUV	205.4710, 9.1348, 10.1109
Hunter-Lab	77.2097, 7.7930, -6.4264

Details

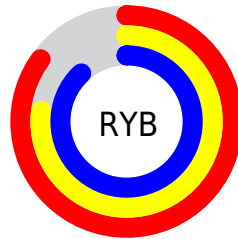
The Yxy color **59.6134, 0.3088, 0.2978** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **69.9695, 0.3161, 0.3612**, and the grayscale version is **61.3083, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7306, 0.3128, 0.3271**, and **29.8920, 0.3073, 0.2895** is the 20% darker color. If you saturate the color by 10%, you get **49.4186, 0.3049, 0.2715**, and if you desaturate by 10%, it is **71.3502, 0.3120, 0.3230**.

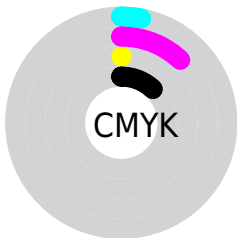
Distribution



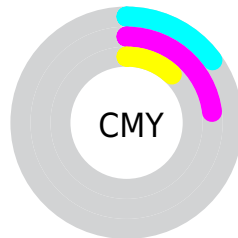
- Red (85%)
- Green (77%)
- Blue (88%)



- Red (85%)
- Yellow (77%)
- Blue (88%)



- Cyan (3%)
- Magenta (12%)
- Yellow (0%)
- Black (12%)



- Cyan (15%)
- Magenta (23%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.6134, 0.3088, 0.2978 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 59.6134, 0.3088, 0.2978 by changing the saturation by 10% instead.

■ 59.6134, 0.3088,
0.2978

■ 59.6134, 0.3088,
0.2978

■ 423.1713, 0.3108,
0.3124

■ 43.1071, 0.3083,
0.2944

■ 104.2687, 0.3095,
0.3029

■ 29.9692, 0.3076,
0.2902

■ 133.1864, 0.3098,
0.3049

■ 19.8152, 0.3068,
0.2848

■ 167.0101, 0.3100,
0.3066

■ 12.2608, 0.3055,
0.2778

■ 206.1241, 0.3102,
0.3081

■ 6.9215, 0.3037,
0.2680

■ 250.9128, 0.3104,
0.3094

■ 3.4131, 0.3008,
0.2537

■ 301.7607, 0.3106,

■ 1.3510, 0.2953,

0.3105

0.2309

359.0520, 0.3107,
0.3115

0.1802, 0.2900,
0.1103

0.0000, 0.0000,
0.0000

59.6134, 0.3088,
0.2978

59.6134, 0.3088,
0.2978

49.4186, 0.3049,
0.2715

71.3502, 0.3120,
0.3230

40.6911, 0.3004,
0.2445

84.6840, 0.3146,
0.3465

33.3618, 0.2952,
0.2179

94.3409, 0.3173,
0.3605

27.3526, 0.2893,
0.1925

95.2936, 0.3208,
0.3601

■ 22.5777, 0.2830,
0.1696

■ 96.2760, 0.3244,
0.3598

■ 18.9411, 0.2764,
0.1502

■ 97.2884, 0.3279,
0.3595

■ 16.3322, 0.2696,
0.1351

■ 98.1604, 0.3310,
0.3592

■ 14.6181, 0.2630,
0.1248

■ 13.7564, 0.2581,
0.1196

Harmonies

Analogous

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



59.6134, 0.2888, 0.2930



59.6134, 0.3088, 0.2978



59.6134, 0.3305, 0.3102

Triad

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



59.6134, 0.3088, 0.2978



59.6134, 0.3510, 0.3602



59.6134, 0.2787, 0.3291

Complementary

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



59.6134, 0.3088, 0.2978



69.9695, 0.3161, 0.3612

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.



59.6134, 0.2945, 0.3489



59.6134, 0.3088, 0.2978



59.6134, 0.3362, 0.3670

Square

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



59.6134, 0.3088, 0.2978



59.6134, 0.3554, 0.3455



59.6134, 0.3155, 0.3630



59.6134, 0.2719, 0.3102

Rectangle

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



59.6134, 0.3088, 0.2978



59.6134, 0.3429, 0.3213



59.6134, 0.3155, 0.3630



59.6134, 0.2831, 0.3360

Sweetspot

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



59.6160, 0.3088, 0.2978



93.1876, 0.3116, 0.3192



59.8227, 0.2931, 0.3046



19.6801, 0.3113, 0.3173



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.



59.6160, 0.3088, 0.2978



76.2231, 0.3079, 0.2910



60.3296, 0.3193, 0.3058



13.7557, 0.3098, 0.3056



8.0658, 0.2591, 0.1201



0.6002, 0.2691, 0.1256

Inverse Universe

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



59.6293, 0.3300, 0.3213



76.2605, 0.3342, 0.3196



69.3441, 0.3067, 0.3534



13.7560, 0.3253, 0.3232



9.4032, 0.5928, 0.3040



0.6659, 0.5489, 0.2798

Previews

White Background



This preview shows how the Yxy color 59.6134, 0.3088, 0.2978 looks on a white background.

Color Contrast Check

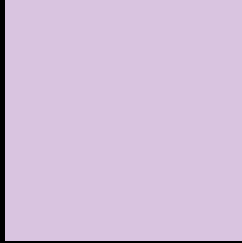
Large Text (above 18pt) WCAG AA × Fail

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 59.6134, 0.3088, 0.2978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

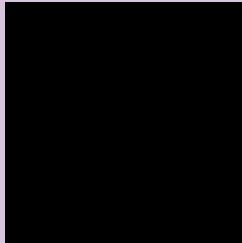
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.6134, 0.3088, 0.2978

Background



This preview shows how black text looks on a background with the Yxy color 59.6134, 0.3088, 0.2978.



This preview shows how white text looks on a background with the Yxy color 59.6134, 0.3088, 0.2978.

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

59.6134, 0.3088, 0.2978

Protanopia

59.4615, 0.2932, 0.2990

Deuteranopia

59.4605, 0.3057, 0.2986



Tritanopia

59.6393, 0.3151, 0.3120

Trichromacy



Original Color

59.6134, 0.3088, 0.2978

Protanomaly

59.4596, 0.2990, 0.2983

Deuteranomaly

59.6105, 0.3064, 0.2987

Tritanomaly

59.5412, 0.3130, 0.3065

Monochromacy



Original Color

59.6134, 0.3088, 0.2978

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.5498, 0.3110, 0.3175

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.6134, 0.3088, 0.2978 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(217, 196, 224)` looks like.

```
.text, #text, p{  
    color:rgb(217, 196, 224)  
}
```

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(217, 196, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 196, 224) }
```

Border

The CSS property to change the border of an element to Yxy 59.6134, 0.3088, 0.2978 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(217, 196, 224) }
```

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

```
.border{ border-color:rgb(217, 196, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 196, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 196, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 196, 224);  
box-shadow:4px 4px 4px 4px rgb(217, 196,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 59.6134, 0.3088, 0.2978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 196, 224) }
```

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

```
.background{ background-color: rgb(217,  
196, 224) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor