

Converting Colors

Yxy(59.8120, 0.3048, 0.2830)

Have a look what the booklet for
Yxy(59.8120, 0.3048, 0.2830)
contains.

Yxy(59.6677, 0.3048, 0.2833)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(59.6677, 0.3048, 0.2833)

Conversions

Conversions Part 1

Format	Color
Hex	DEC1EB
RGB	222, 193, 235
RGB Percent	87%, 76%, 92%
CMY	0.1294, 0.2432, 0.0783
CMYK	0.06, 0.18, 0.00, 0.08
HSL	281°, 51%, 84%
HSV	281°, 18%, 92%
XYZ	64.1960, 59.6677, 86.7530
YIQ	206.4590, 3.8020, 19.2100

Conversions

Conversions Part 2

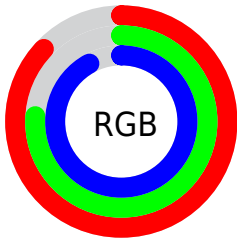
Format	Color
R _Y B	222, 193, 235
Decimal	14598635
CIE Lab	81.66, 17.76, -17.04
CIE LCh	82, 24.608, 316.182
Yxy	59.6677, 0.3048, 0.2833
Android (android.graphics.Color)	4292788715 (0xFFDEC1EB)
YUV	206.4590, 14.0707, 13.6295
Hunter-Lab	77.2449, 13.1676, -12.5166

Details

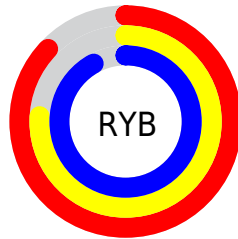
The Yxy color **59.6677, 0.3048, 0.2833** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **76.4078, 0.3192, 0.3764**, and the grayscale version is **61.9402, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8512, 0.3129, 0.3242**, and **29.9354, 0.3030, 0.2724** is the 20% darker color. If you saturate the color by 10%, you get **48.9671, 0.2992, 0.2560**, and if you desaturate by 10%, it is **72.0742, 0.3095, 0.3095**.

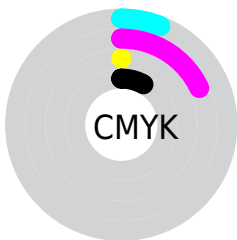
Distribution



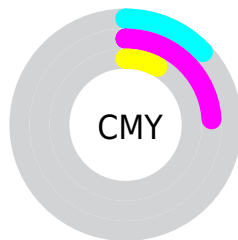
- Red (87%)
- Green (76%)
- Blue (92%)



- Red (87%)
- Yellow (76%)
- Blue (92%)



- Cyan (6%)
- Magenta (18%)
- Yellow (0%)
- Black (8%)



- Cyan (13%)
- Magenta (24%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.6677, 0.3048, 0.2833 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 59.6677, 0.3048, 0.2833 by changing the saturation by 10% instead.


 59.6677, 0.3048,
0.2833

 59.6677, 0.3048,
0.2833

423.3718, 0.3089,
0.3045

 43.1508, 0.3038,
0.2785

 104.3475, 0.3063,
0.2906

 30.0035, 0.3025,
0.2725


133.2792, 0.3068,
0.2935

 19.8412, 0.3007,
0.2650


167.1180, 0.3073,
0.2960

 12.2797, 0.2983,
0.2552

206.2482, 0.3077,
0.2981

 6.9345, 0.2948,
0.2418

251.0543, 0.3081,
0.3000

 3.4211, 0.2891,
0.2228


301.9207, 0.3084,

 1.3554, 0.2791,

0.3016

0.1936


359.2318, 0.3086,
0.3031


 0.1835, 0.2704,
0.0816

 0.0000, 0.0000,
0.0000


 59.6677, 0.3048,
0.2833


 59.6677, 0.3048,
0.2833

 48.9671, 0.2992,
0.2560


 72.0742, 0.3095,
0.3095


 39.8865, 0.2928,
0.2284

 86.2522, 0.3135,
0.3341

 32.3434, 0.2856,
0.2013

 96.7258, 0.3173,
0.3487

 26.2456, 0.2777,
0.1759

 98.0524, 0.3219,
0.3484

■ 21.4901, 0.2694,
0.1535

■ 98.7799, 0.3244,
0.3483

■ 17.9603, 0.2609,
0.1352

■ 15.5192, 0.2525,
0.1216

■ 13.9785, 0.2445,
0.1127

■ 13.7080, 0.2428,
0.1111

Harmonies

Analogous

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



59.6677, 0.2762, 0.2768



59.6677, 0.3048, 0.2833



59.6677, 0.3370, 0.3004

Triad

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



59.6677, 0.3048, 0.2833



59.6677, 0.3699, 0.3733



59.6677, 0.2641, 0.3304

Complementary

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



59.6677, 0.3048, 0.2833



76.4078, 0.3192, 0.3764

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.



59.6677, 0.2873, 0.3602



59.6677, 0.3048, 0.2833



59.6677, 0.3485, 0.3851

Square

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



59.6677, 0.3048, 0.2833



59.6677, 0.3757, 0.3509



59.6677, 0.3181, 0.3808



59.6677, 0.2536, 0.3021

Rectangle

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



59.6677, 0.3048, 0.2833



59.6677, 0.3559, 0.3160



59.6677, 0.3181, 0.3808



59.6677, 0.2706, 0.3407

Sweetspot

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



59.6702, 0.3048, 0.2833



91.3921, 0.3107, 0.3167



61.6276, 0.2841, 0.2961



19.3121, 0.3105, 0.3149



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.



59.6702, 0.3048, 0.2833



67.4531, 0.3031, 0.2746



61.3697, 0.3205, 0.2925



15.0663, 0.3088, 0.3054



7.6974, 0.2441, 0.1118



0.6549, 0.2549, 0.1178

Inverse Universe

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



60.2625, 0.3369, 0.3149



68.3070, 0.3423, 0.3122



74.9742, 0.3058, 0.3685



15.1309, 0.3244, 0.3217



10.1159, 0.5725, 0.2927



0.8110, 0.5332, 0.2711

Previews

White Background



This preview shows how the Yxy color 59.6677, 0.3048, 0.2833 looks on a white background.

Color Contrast Check

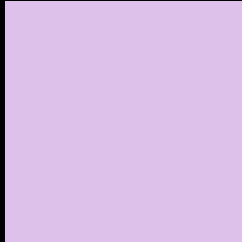
Large Text (above 18pt) WCAG AA × Fail

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 59.6677, 0.3048, 0.2833 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

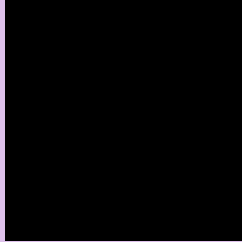
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.6677, 0.3048, 0.2833

Background



This preview shows how black text looks on a background with the Yxy color 59.6677, 0.3048, 0.2833.



This preview shows how white text looks on a background with the Yxy color 59.6677, 0.3048, 0.2833.

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

59.6677, 0.3048, 0.2833

Protanopia

59.7263, 0.2814, 0.2836

Deuteranopia

59.7386, 0.2950, 0.2887



Tritanopia

59.7460, 0.3190, 0.3121

Trichromacy



Original Color

59.6677, 0.3048, 0.2833

Protanomaly

59.5993, 0.2895, 0.2831

Deuteranomaly

59.5665, 0.2987, 0.2868

Tritanomaly

59.8628, 0.3140, 0.3023

Monochromacy



Original Color

59.6677, 0.3048, 0.2833

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

60.7801, 0.3097, 0.3109

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.6677, 0.3048, 0.2833 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(222, 193, 235)` looks like.

```
.text, #text, p{  
    color:rgb(222, 193, 235)  
}
```

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(222, 193, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 193, 235) }
```

Border

The CSS property to change the border of an element to Yxy 59.6677, 0.3048, 0.2833 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(222, 193, 235) }
```

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

```
.border{ border-color:rgb(222, 193, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 193, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 193, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 193, 235);  
box-shadow:4px 4px 4px 4px rgb(222, 193,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 59.6677, 0.3048, 0.2833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 193, 235) }
```

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

```
.background{ background-color: rgb(222,  
193, 235) }
```

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