

Converting Colors

Yxy(57.7963, 0.3229, 0.2862)

Have a look what the booklet for
Yxy(57.7963, 0.3229, 0.2862)
contains.

Yxy(57.7963, 0.3229, 0.2862)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(57.7963, 0.3229, 0.2862)

Conversions

Conversions Part 1

Format	Color
Hex	EBB9E1
RGB	235, 185, 225
RGB Percent	92%, 73%, 88%
CMY	0.0783, 0.2745, 0.1177
CMYK	0.00, 0.21, 0.04, 0.08
HSL	312°, 56%, 82%
HSV	312°, 21%, 92%
XYZ	65.2076, 57.7963, 78.9398
YIQ	204.5100, 16.9600, 23.0400

Conversions

Conversions Part 2

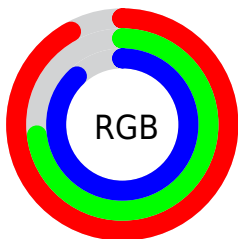
Format	Color
R _Y B	235, 185, 225
Decimal	15448545
CIE Lab	80.63, 24.50, -13.07
CIE LCh	81, 27.767, 331.909
Yxy	57.7963, 0.3229, 0.2862
Android (android.graphics.Color)	4293638625 (0xFFEBB9E1)
YUV	204.5100, 10.1016, 26.7397
Hunter-Lab	76.0239, 20.0623, -8.3474

Details

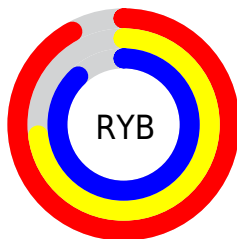
The Yxy color $57.7963, 0.3229, 0.2862$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $73.6945, 0.3040, 0.3760$, and the grayscale version is $60.6525, 0.3127, 0.3290$.

A 20% lighter version of the original color is $91.3906, 0.3133, 0.3156$, and $28.9885, 0.3250, 0.2763$ is the 20% darker color. If you saturate the color by 10%, you get $48.5107, 0.3288, 0.2656$, and if you desaturate by 10%, it is $68.7196, 0.3177, 0.3067$.

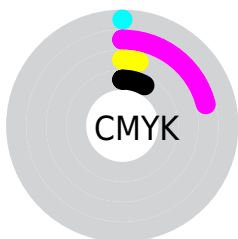
Distribution



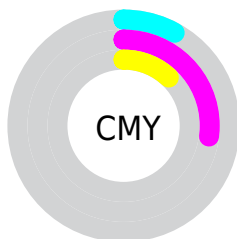
- Red (92%)
- Green (73%)
- Blue (88%)



- Red (92%)
- Yellow (73%)
- Blue (88%)



- Cyan (0%)
- Magenta (21%)
- Yellow (4%)
- Black (8%)




- Cyan (8%)
- Magenta (27%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.7963, 0.3229, 0.2862 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 57.7963, 0.3229, 0.2862 by changing the saturation by 10% instead.


 57.7963, 0.3229,
0.2862

 57.7963, 0.3229,
0.2862


416.4265, 0.3183,
0.3061

 41.6449, 0.3239,
0.2816


 101.6262, 0.3213,
0.2931

 28.8233, 0.3251,
0.2760


130.0734, 0.3207,
0.2958

 18.9472, 0.3267,
0.2688


163.3881, 0.3202,
0.2981

 11.6322, 0.3286,
0.2595

201.9546, 0.3197,
0.3001

 6.4937, 0.3311,
0.2467

246.1573, 0.3193,
0.3019

 3.1476, 0.3345,
0.2283


296.3805, 0.3189,

 1.2092, 0.3391,


0.3035

0.1997


353.0088, 0.3186,
0.3048


 0.0692, 0.3853,
0.0402

 0.0000, 0.0000,
0.0000


 57.7963, 0.3229,
0.2862


 57.7963, 0.3229,
0.2862


 48.5107, 0.3288,
0.2656

 68.7196, 0.3177,
0.3067


 40.7753, 0.3354,
0.2455

 81.3473, 0.3132,
0.3265

 34.5060, 0.3426,
0.2270

 95.4297, 0.3094,
0.3448

 29.6077, 0.3503,
0.2110

 95.7128, 0.3068,
0.3400

■ 25.9740, 0.3583,
0.1984

■ 96.0032, 0.3041,
0.3353

■ 23.4828, 0.3662,
0.1902

■ 96.3010, 0.3015,
0.3306

■ 21.9880, 0.3739,
0.1867

■ 96.4088, 0.3006,
0.3290

■ 21.2914, 0.3804,
0.1869

Harmonies

Analogous

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



57.7963, 0.2870, 0.2722



57.7963, 0.3229, 0.2862



57.7963, 0.3577, 0.3102

Triad

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



57.7963, 0.3229, 0.2862



57.7963, 0.3667, 0.3884



57.7963, 0.2493, 0.3124

Complementary

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



57.7963, 0.3229, 0.2862



73.6945, 0.3040, 0.3760

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.



57.7963, 0.2684, 0.3472



57.7963, 0.3229, 0.2862



57.7963, 0.3357, 0.3933

Square

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



57.7963, 0.3229, 0.2862



57.7963, 0.3836, 0.3678



57.7963, 0.2997, 0.3781



57.7963, 0.2463, 0.2851

Rectangle

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



57.7963, 0.3229, 0.2862



57.7963, 0.3748, 0.3294



57.7963, 0.2997, 0.3781



57.7963, 0.2540, 0.3237

Sweetspot

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



57.7988, 0.3229, 0.2862



90.4272, 0.3153, 0.3172



52.2975, 0.2842, 0.2710



19.1420, 0.3156, 0.3159



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.



57.7988, 0.3229, 0.2862



63.9177, 0.3257, 0.2762



56.5340, 0.3430, 0.3126



15.2589, 0.3169, 0.3104



11.8640, 0.3792, 0.1863



0.9448, 0.3696, 0.1810

Inverse Universe

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



57.7988, 0.3229, 0.2862



63.9177, 0.3257, 0.2762



74.9208, 0.2894, 0.3461



15.2589, 0.3169, 0.3104



11.8640, 0.3792, 0.1863



0.9448, 0.3696, 0.1810

Previews

White Background



This preview shows how the Yxy color 57.7963, 0.3229, 0.2862 looks on a white background.

Color Contrast Check

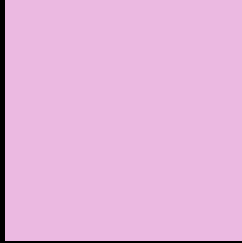
Large Text (above 18pt) WCAG AA × Fail

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 57.7963, 0.3229, 0.2862 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

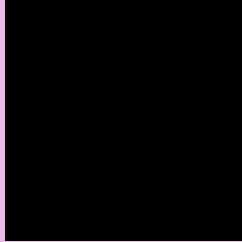
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.7963, 0.3229, 0.2862

Background



This preview shows how black text looks on a background with the Yxy color 57.7963, 0.3229, 0.2862.



This preview shows how white text looks on a background with the Yxy color 57.7963, 0.3229, 0.2862.

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

57.7963, 0.3229, 0.2862

Protanopia

58.2567, 0.2850, 0.2886

Deuteranopia

57.9132, 0.3034, 0.2971



Tritanopia

57.8628, 0.3374, 0.3136

Trichromacy



Original Color

57.7963, 0.3229, 0.2862

Protanomaly

57.9084, 0.2978, 0.2873

Deuteranomaly

57.5488, 0.3097, 0.2922

Tritanomaly

57.9932, 0.3320, 0.3039

Monochromacy



Original Color

57.7963, 0.3229, 0.2862

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

59.7406, 0.3166, 0.3132

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.7963, 0.3229, 0.2862 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(235, 185, 225)` looks like.

```
.text, #text, p{  
    color:rgb(235, 185, 225)  
}
```

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(235, 185, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 185, 225) }
```

Border

The CSS property to change the border of an element to Yxy 57.7963, 0.3229, 0.2862 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(235, 185, 225) }
```

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

```
.border{ border-color:rgb(235, 185, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 185, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 185, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 185, 225);  
box-shadow:4px 4px 4px 4px rgb(235, 185,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 57.7963, 0.3229, 0.2862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 185, 225) }
```

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

```
.background{ background-color: rgb(235,  
185, 225) }
```

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