

Converting Colors

Yxy(58.1504, 0.3192, 0.2905)

Have a look what the booklet for
Yxy(58.1504, 0.3192, 0.2905)
contains.

| | |
|--|----|
| Yxy(58.0063, 0.3186, 0.2899) | 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(58.0063, 0.3186, 0.2899)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E5BCE0 |
| RGB | 229, 188, 224 |
| RGB Percent | 90%, 74%, 88% |
| CMY | 0.1019, 0.2627, 0.1217 |
| CMYK | 0.00, 0.18, 0.02, 0.10 |
| HSL | 307°, 44%, 82% |
| HSV | 307°, 18%, 90% |
| XYZ | 63.7489, 58.0063, 78.3355 |
| YIQ | 204.3630, 12.8800, 19.8880 |

Conversions

Conversions Part 2

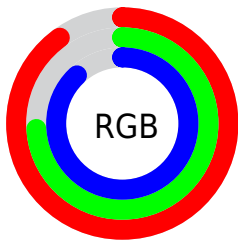
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 229, 188, 224 |
| Decimal | 15056096 |
| CIE Lab | 80.74, 20.68, -12.41 |
| CIE LCh | 81, 24.118, 329.024 |
| Yxy | 58.0063, 0.3186, 0.2899 |
| Android (android.graphics.Color) | 4293246176 (0xFFE5BCE0) |
| YUV | 204.3630, 9.6810, 21.6066 |
| Hunter-Lab | 76.1619, 16.1246, -7.6688 |

Details

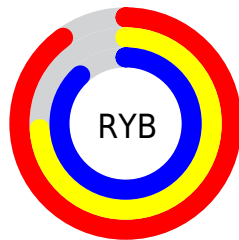
The Yxy color **58.0063, 0.3186, 0.2899** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **70.5871, 0.3073, 0.3715**, and the grayscale version is **60.5577, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1814, 0.3132, 0.3185**, and **29.0768, 0.3193, 0.2808** is the 20% darker color. If you saturate the color by 10%, you get **48.8367, 0.3225, 0.2675**, and if you desaturate by 10%, it is **68.7360, 0.3151, 0.3120**.

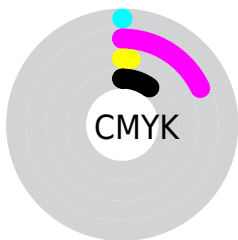
Distribution



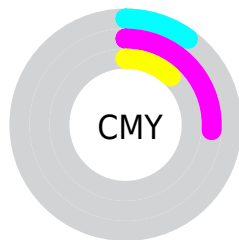
- Red (90%)
- Green (74%)
- Blue (88%)



- Red (90%)
- Yellow (74%)
- Blue (88%)



- Cyan (0%)
- Magenta (18%)
- Yellow (2%)
- Black (10%)





- Cyan (10%)
- Magenta (26%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.0063, 0.3186, 0.2899 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 58.0063, 0.3186, 0.2899 by changing the saturation by 10% instead.


 58.0063, 0.3186,
0.2899

 58.0063, 0.3186,
0.2899


417.2094, 0.3160,
0.3081

 41.8137, 0.3191,
0.2857


 101.9320, 0.3177,
0.2963

 28.9555, 0.3198,
0.2805


130.4340, 0.3174,
0.2987

 19.0471, 0.3206,
0.2739


163.8078, 0.3171,
0.3008

 11.7043, 0.3216,
0.2652

202.4380, 0.3168,
0.3027

 6.5427, 0.3228,
0.2533

246.7088, 0.3166,
0.3043

 3.1778, 0.3242,
0.2361

297.0047, 0.3164,

 1.2252, 0.3258,

0.3057

0.2090

353.7101, 0.3162,
0.3070

0.0822, 0.3593,
0.0507

0.0000, 0.0000,
0.0000

58.0063, 0.3186,
0.2899

58.0063, 0.3186,
0.2899

48.8367, 0.3225,
0.2675

68.7360, 0.3151,
0.3120

41.1464, 0.3267,
0.2457

81.0864, 0.3121,
0.3334

34.8591, 0.3313,
0.2252

94.0287, 0.3095,
0.3519

29.8886, 0.3360,
0.2070

94.1903, 0.3079,
0.3490

26.1391, 0.3408,
0.1922

94.3544, 0.3064,
0.3461

23.5017, 0.3455,
0.1814

94.5211, 0.3048,
0.3432

21.8486, 0.3500,
0.1752

94.6904, 0.3032,
0.3404

21.0023, 0.3542,
0.1731

94.8623, 0.3017,
0.3375

20.8703, 0.3551,
0.1730

95.0369, 0.3001,
0.3347

Harmonies

Analogous

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



58.0063, 0.2878, 0.2786



58.0063, 0.3186, 0.2899



58.0063, 0.3492, 0.3104

Triad

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



58.0063, 0.3186, 0.2899



58.0063, 0.3618, 0.3795



58.0063, 0.2584, 0.3177

Complementary

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



58.0063, 0.3186, 0.2899



70.5871, 0.3073, 0.3715

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.



58.0063, 0.2764, 0.3477



58.0063, 0.3186, 0.2899



58.0063, 0.3358, 0.3848

Square

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



58.0063, 0.3186, 0.2899



58.0063, 0.3747, 0.3610



58.0063, 0.3045, 0.3732



58.0063, 0.2543, 0.2929

Rectangle

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



58.0063, 0.3186, 0.2899



58.0063, 0.3647, 0.3271



58.0063, 0.3045, 0.3732



58.0063, 0.2630, 0.3275

Sweetspot

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



58.0088, 0.3186, 0.2899



92.0327, 0.3142, 0.3183



52.9369, 0.2868, 0.2808



19.4683, 0.3145, 0.3167



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.



58.0088, 0.3186, 0.2899



70.0469, 0.3198, 0.2827



56.9750, 0.3345, 0.3116



14.5831, 0.3157, 0.3086



11.9439, 0.3545, 0.1726



0.8912, 0.3489, 0.1696

Inverse Universe

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



58.0088, 0.3186, 0.2899



70.0469, 0.3198, 0.2827



71.5537, 0.2950, 0.3472



14.5831, 0.3157, 0.3086



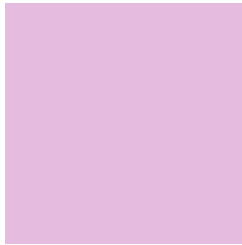
11.9439, 0.3545, 0.1726



0.8912, 0.3489, 0.1696

Previews

White Background



This preview shows how the Yxy color 58.0063, 0.3186, 0.2899 looks on a white background.

Color Contrast Check

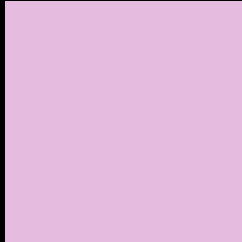
Large Text (above 18pt) WCAG AA × Fail

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 58.0063, 0.3186, 0.2899 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

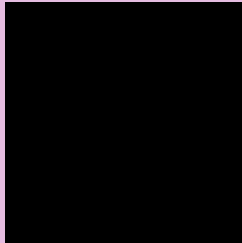
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.0063, 0.3186, 0.2899

Background



This preview shows how black text looks on a background with the Yxy color 58.0063, 0.3186, 0.2899.



This preview shows how white text looks on a background with the Yxy color 58.0063, 0.3186, 0.2899.

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

58.0063, 0.3186, 0.2899

Protanopia

58.2185, 0.2876, 0.2920

Deuteranopia

58.0596, 0.3041, 0.2972



Tritanopia

57.8866, 0.3298, 0.3123

Trichromacy



Original Color

58.0063, 0.3186, 0.2899

Protanomaly

57.8970, 0.2983, 0.2915

Deuteranomaly

57.7787, 0.3096, 0.2943

Tritanomaly

57.9619, 0.3253, 0.3036

Monochromacy



Original Color

58.0063, 0.3186, 0.2899

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

59.2374, 0.3150, 0.3142

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.0063, 0.3186, 0.2899 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(229, 188, 224)` looks like.

```
.text, #text, p{  
    color:rgb(229, 188, 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(229, 188, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 188, 224) }
```

Border

The CSS property to change the border of an element to Yxy 58.0063, 0.3186, 0.2899 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(229, 188, 224) }
```

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

```
.border{ border-color:rgb(229, 188, 224) }
```

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

Here you see how a box with a 4 pixel rgb(229, 188, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 188, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 188, 224);  
box-shadow:4px 4px 4px 4px rgb(229, 188,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 58.0063, 0.3186, 0.2899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 188, 224) }
```

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

```
.background{ background-color: rgb(229,  
188, 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