

Converting Colors

Yxy(58.8737, 0.3121, 0.2853)

Have a look what the booklet for
Yxy(58.8737, 0.3121, 0.2853)
contains.

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Color

Yxy(58.8710, 0.3124, 0.2857)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | E3BEE6 |
| RGB | 227, 190, 230 |
| RGB Percent | 89%, 75%, 90% |
| CMY | 0.1098, 0.2549, 0.0981 |
| CMYK | 0.01, 0.17, 0.00, 0.10 |
| HSL | 296°, 44%, 82% |
| HSV | 296°, 17%, 90% |
| XYZ | 64.3728, 58.8710, 82.8150 |
| YIQ | 205.6230, 9.2120, 20.2840 |

Conversions

Conversions Part 2

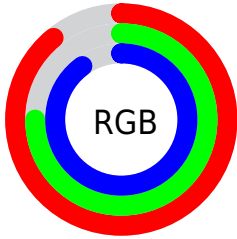
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 227, 190, 230 |
| Decimal | 14925542 |
| CIE Lab | 81.22, 20.04, -14.94 |
| CIE LCh | 81, 24.997, 323.293 |
| Yxy | 58.8710, 0.3124, 0.2857 |
| Android (android.graphics.Color) | 4293115622 (0xFFE3BEE6) |
| YUV | 205.6230, 12.0179, 18.7476 |
| Hunter-Lab | 76.7274, 15.4849, -10.2849 |

Details

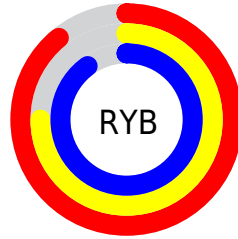
The Yxy color **58.8710, 0.3124, 0.2857** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **71.6333, 0.3125, 0.3758**, and the grayscale version is **61.3866, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.3915, 0.3131, 0.3204**, and **29.3222, 0.3121, 0.2753** is the 20% darker color. If you saturate the color by 10%, you get **49.4077, 0.3120, 0.2602**, and if you desaturate by 10%, it is **69.9139, 0.3126, 0.3109**.

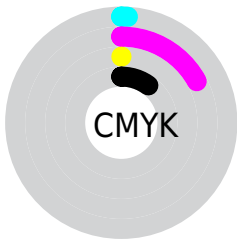
Distribution



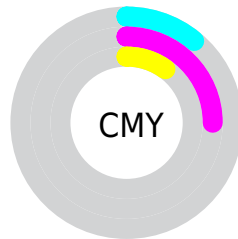
- Red (89%)
- Green (75%)
- Blue (90%)



- Red (89%)
- Yellow (75%)
- Blue (90%)



- Cyan (1%)
- Magenta (17%)
- Yellow (0%)
- Black (10%)





- Cyan (11%)
- Magenta (25%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.8710, 0.3124, 0.2857 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 58.8710, 0.3124, 0.2857 by changing the saturation by 10% instead.

 58.8710, 0.3124,
0.2857

 58.8710, 0.3124,
0.2857


420.4237, 0.3128,
0.3058

 42.5093, 0.3122,
0.2811

 103.1902, 0.3126,
0.2927

 29.5003, 0.3120,
0.2754


131.9164, 0.3127,
0.2954

 19.4596, 0.3116,
0.2682


165.5329, 0.3127,
0.2977

 12.0028, 0.3110,
0.2588

204.4241, 0.3128,
0.2998

 6.7456, 0.3099,
0.2460

248.9744, 0.3128,
0.3015

 3.3035, 0.3080,
0.2276


299.5682, 0.3128,


 1.2922, 0.3038,


0.3031


0.1992

356.5898, 0.3128,
0.3045


 0.1351, 0.3147,
0.0688


 0.0000, 0.0000,
0.0000

 58.8710, 0.3124,
0.2857


 58.8710, 0.3124,
0.2857


 49.4077, 0.3120,
0.2602


 69.9139, 0.3126,
0.3109


 41.4429, 0.3113,
0.2351

 82.5976, 0.3127,
0.3353

 34.8998, 0.3104,
0.2115

 94.4102, 0.3129,
0.3543

 29.6916, 0.3092,
0.1904

 94.6980, 0.3139,
0.3543

■ 25.7221, 0.3078,
0.1727

■ 94.9886, 0.3150,
0.3542

■ 22.8822, 0.3062,
0.1590

■ 95.2820, 0.3161,
0.3541

■ 21.0439, 0.3044,
0.1498

■ 95.5782, 0.3172,
0.3540

■ 20.0372, 0.3025,
0.1448

■ 95.8773, 0.3182,
0.3539

■ 19.8393, 0.3021,
0.1438

■ 96.1791, 0.3193,
0.3538

Harmonies

Analogous

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



58.8710, 0.2816, 0.2763



58.8710, 0.3124, 0.2857



58.8710, 0.3448, 0.3052

Triad

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



58.8710, 0.3124, 0.2857



58.8710, 0.3671, 0.3783



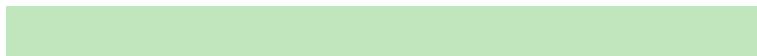
58.8710, 0.2593, 0.3230

Complementary

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



58.8710, 0.3124, 0.2857



71.6333, 0.3125, 0.3758

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.



58.8710, 0.2802, 0.3541



58.8710, 0.3124, 0.2857



58.8710, 0.3423, 0.3869

Square

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



58.8710, 0.3124, 0.2857



58.8710, 0.3772, 0.3573



58.8710, 0.3104, 0.3783



58.8710, 0.2522, 0.2958

Rectangle

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



58.8710, 0.3124, 0.2857



58.8710, 0.3624, 0.3219



58.8710, 0.3104, 0.3783



58.8710, 0.2649, 0.3334

Sweetspot

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



58.8735, 0.3124, 0.2857



91.9538, 0.3127, 0.3168



54.9496, 0.2844, 0.2859



19.4490, 0.3127, 0.3150



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.



58.8735, 0.3124, 0.2857



69.7160, 0.3123, 0.2761



58.4697, 0.3274, 0.3034



14.5578, 0.3126, 0.3058



11.2581, 0.3024, 0.1439



0.8483, 0.3052, 0.1455

Inverse Universe

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



57.4986, 0.3437, 0.3258



67.6721, 0.3521, 0.3250



72.0170, 0.3003, 0.3560



14.3853, 0.3281, 0.3273



9.5540, 0.6318, 0.3254



0.7121, 0.6102, 0.3135

Previews

White Background



This preview shows how the Yxy color 58.8710, 0.3124, 0.2857 looks on a white background.

Color Contrast Check

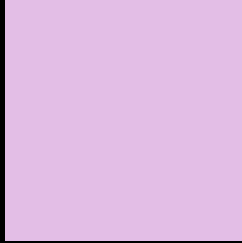
Large Text (above 18pt) WCAG AA × Fail

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 58.8710, 0.3124, 0.2857 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 58.8710, 0.3124, 0.2857

Background



This preview shows how black text looks on a background with the Yxy color 58.8710, 0.3124, 0.2857.



This preview shows how white text looks on a background with the Yxy color 58.8710, 0.3124, 0.2857.

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

58.8710, 0.3124, 0.2857

Protanopia

59.0251, 0.2839, 0.2867

Deuteranopia

59.1450, 0.2992, 0.2929



Tritanopia

59.0343, 0.3255, 0.3123

Trichromacy



Original Color

58.8710, 0.3124, 0.2857

Protanomaly

58.6858, 0.2943, 0.2863

Deuteranomaly

58.8396, 0.3045, 0.2901

Tritanomaly

59.1572, 0.3203, 0.3025

Monochromacy



Original Color

58.8710, 0.3124, 0.2857

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

60.5110, 0.3127, 0.3120

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.8710, 0.3124, 0.2857 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(227, 190, 230)` looks like.

```
.text, #text, p{  
    color:rgb(227, 190, 230)  
}
```

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(227, 190, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 190, 230) }
```

Border

The CSS property to change the border of an element to Yxy 58.8710, 0.3124, 0.2857 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(227, 190, 230) }
```

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

```
.border{ border-color:rgb(227, 190, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 190, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 190, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 190, 230);  
box-shadow:4px 4px 4px 4px rgb(227, 190,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 58.8710, 0.3124, 0.2857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 190, 230) }
```

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

```
.background{ background-color: rgb(227,  
190, 230) }
```

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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