

Converting Colors

Yxy(59.4476, 0.3143, 0.2946)

Have a look what the booklet for
Yxy(59.4476, 0.3143, 0.2946)
contains.

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Color

Yxy(59.3690, 0.3143, 0.2950)

Conversions

Conversions Part 1

Format	Color
Hex	E0C1E0
RGB	224, 193, 224
RGB Percent	88%, 76%, 88%
CMY	0.1217, 0.2430, 0.1217
CMYK	0.00, 0.14, 0.00, 0.12
HSL	300°, 33%, 82%
HSV	300°, 14%, 88%
XYZ	63.2531, 59.3690, 78.6287
YIQ	205.8030, 8.5250, 16.2130

Conversions

Conversions Part 2

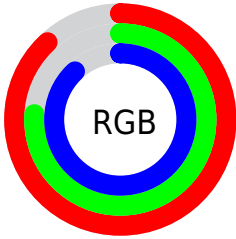
Format	Color
R _Y B	224, 193, 224
Decimal	14729696
CIE Lab	81.49, 16.30, -11.34
CIE LCh	81, 19.858, 325.174
Yxy	59.3690, 0.3143, 0.2950
Android (android.graphics.Color)	4292919776 (0xFFE0C1E0)
YUV	205.8030, 8.9711, 15.9588
Hunter-Lab	77.0513, 11.6949, -6.5679

Details

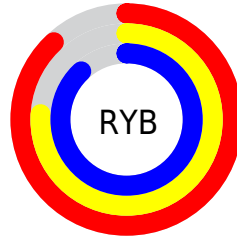
The Yxy color **59.3690, 0.3143, 0.2950** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **68.4920, 0.3110, 0.3655**, and the grayscale version is **61.5250, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8512, 0.3129, 0.3242**, and **29.7648, 0.3147, 0.2860** is the 20% darker color. If you saturate the color by 10%, you get **50.2044, 0.3155, 0.2700**, and if you desaturate by 10%, it is **70.0384, 0.3131, 0.3198**.

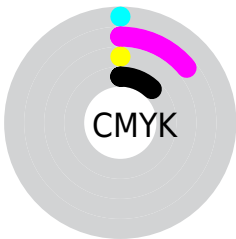
Distribution



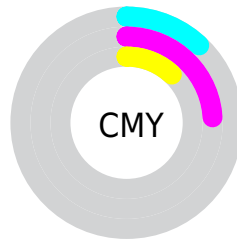
- Red (88%)
- Green (76%)
- Blue (88%)



- Red (88%)
- Yellow (76%)
- Blue (88%)



- Cyan (0%)
- Magenta (14%)
- Yellow (0%)
- Black (12%)





- Cyan (12%)
- Magenta (24%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.3690, 0.3143, 0.2950 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 59.3690, 0.3143, 0.2950 by changing the saturation by 10% instead.


 59.3690, 0.3143,
0.2950

 59.3690, 0.3143,
0.2950


422.2680, 0.3137,
0.3109

 42.9102, 0.3144,
0.2913


 103.9138, 0.3141,
0.3005

 29.8147, 0.3145,
0.2868


132.7686, 0.3141,
0.3027

 19.6980, 0.3146,
0.2810


166.5242, 0.3140,
0.3045

 12.1757, 0.3146,
0.2734

205.5650, 0.3139,
0.3061

 6.8634, 0.3145,
0.2630

250.2754, 0.3139,
0.3075

 3.3768, 0.3142,
0.2477

301.0397, 0.3138,

 1.3315, 0.3129,

0.3088

0.2237

358.2425, 0.3138,
0.3099

0.1654, 0.3278,
0.0977

0.0000, 0.0000,
0.0000

59.3690, 0.3143,
0.2950

59.3690, 0.3143,
0.2950

50.2044, 0.3155,
0.2700

70.0384, 0.3131,
0.3198

42.4696, 0.3166,
0.2454

82.2679, 0.3120,
0.3436

36.0950, 0.3177,
0.2222

92.7466, 0.3112,
0.3610

31.0018, 0.3186,
0.2014

92.7483, 0.3112,
0.3610

■ 27.1035, 0.3195,
0.1838

■ 92.7499, 0.3112,
0.3610

■ 24.3026, 0.3201,
0.1702

■ 92.7516, 0.3112,
0.3610

■ 22.4866, 0.3205,
0.1609

■ 92.7532, 0.3112,
0.3610

■ 21.5185, 0.3207,
0.1558

■ 92.7548, 0.3113,
0.3610

■ 21.2076, 0.3208,
0.1541

■ 92.7565, 0.3113,
0.3610

Harmonies

Analogous

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



59.3690, 0.2895, 0.2869



59.3690, 0.3143, 0.2950



59.3690, 0.3396, 0.3113

Triad

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



59.3690, 0.3143, 0.2950



59.3690, 0.3550, 0.3691



59.3690, 0.2694, 0.3231

Complementary

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



59.3690, 0.3143, 0.2950



68.4920, 0.3110, 0.3655

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.



59.3690, 0.2857, 0.3473



59.3690, 0.3143, 0.2950



59.3690, 0.3350, 0.3745

Square

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



59.3690, 0.3143, 0.2950



59.3690, 0.3636, 0.3532



59.3690, 0.3095, 0.3667



59.3690, 0.2643, 0.3019

Rectangle

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



59.3690, 0.3143, 0.2950



59.3690, 0.3531, 0.3249



59.3690, 0.3095, 0.3667



59.3690, 0.2737, 0.3312

Sweetspot

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



59.3716, 0.3143, 0.2950



93.6630, 0.3132, 0.3192



55.0993, 0.2906, 0.2931



19.8008, 0.3133, 0.3174



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.



59.3716, 0.3143, 0.2950



75.3884, 0.3147, 0.2867



58.5975, 0.3256, 0.3111



13.9353, 0.3138, 0.3059



12.3475, 0.3208, 0.1541



0.8560, 0.3208, 0.1541

Inverse Universe

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



57.8452, 0.3381, 0.3291



72.9090, 0.3455, 0.3291



69.1921, 0.3015, 0.3476



13.7007, 0.3292, 0.3290



9.2245, 0.6400, 0.3299



0.6394, 0.6399, 0.3299

Previews

White Background



This preview shows how the Yxy color 59.3690, 0.3143, 0.2950 looks on a white background.

Color Contrast Check

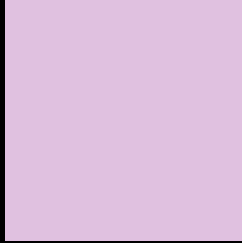
Large Text (above 18pt) WCAG AA × Fail

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 59.3690, 0.3143, 0.2950 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 59.3690, 0.3143, 0.2950

Background



This preview shows how black text looks on a background with the Yxy color 59.3690, 0.3143, 0.2950.



This preview shows how white text looks on a background with the Yxy color 59.3690, 0.3143, 0.2950.

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

59.3690, 0.3143, 0.2950

Protanopia

59.4362, 0.2912, 0.2968

Deuteranopia

59.4064, 0.3064, 0.2997



Tritanopia

59.2630, 0.3223, 0.3111

Trichromacy



Original Color

59.3690, 0.3143, 0.2950

Protanomaly

59.1996, 0.2990, 0.2961

Deuteranomaly

59.5593, 0.3095, 0.2989

Tritanomaly

59.2294, 0.3194, 0.3046

Monochromacy



Original Color

59.3690, 0.3143, 0.2950

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

60.7235, 0.3134, 0.3154

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.3690, 0.3143, 0.2950 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(224, 193, 224)` looks like.

```
.text, #text, p{  
    color:rgb(224, 193, 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(224, 193, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 193, 224) }
```

Border

The CSS property to change the border of an element to Yxy 59.3690, 0.3143, 0.2950 is called "border". The border property can be set on classes, ids or directly on the HTML element.

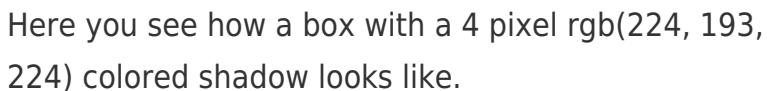
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(224, 193, 224) }
```

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

```
.border{ border-color:rgb(224, 193, 224) }
```

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



Here you see how a box with a 4 pixel `rgb(224, 193, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(224, 193, 224); -webkit-box-shadow:4px 4px 4px 4px rgb(224, 193, 224); box-shadow:4px 4px 4px 4px rgb(224, 193, 224) }
```


Background

The CSS property to change the background color of an element to Yxy 59.3690, 0.3143, 0.2950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 193, 224) }
```

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

```
.background{ background-color: rgb(224,  
193, 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](#).

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