

Converting Colors

Yxy(58.6084, 0.3144, 0.2771)

Have a look what the booklet for
Yxy(58.6084, 0.3144, 0.2771)
contains.

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Color

Yxy(58.6084, 0.3144, 0.2771)

Conversions

Conversions Part 1

Format	Color
Hex	EABAEB
RGB	234, 186, 235
RGB Percent	92%, 73%, 92%
CMY	0.0821, 0.2706, 0.0785
CMYK	0.00, 0.21, 0.00, 0.08
HSL	299°, 55%, 83%
HSV	299°, 21%, 92%
XYZ	66.4976, 58.6084, 86.4003
YIQ	205.9380, 12.8790, 25.4150

Conversions

Conversions Part 2

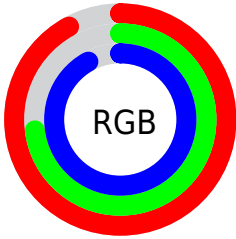
Format	Color
RYB	234, 186, 235
Decimal	15383275
CIELab	81.08, 25.44, -17.79
CIELCh	81, 31.045, 325.041
Yxy	58.6084, 0.3144, 0.2771
Android (android.graphics.Color)	4293573355 (0xFFEABAEB)
YUV	205.9380, 14.3276, 24.6104
Hunter-Lab	76.5561, 21.0741, -13.3247

Details

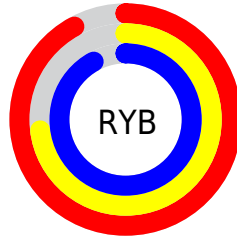
The Yxy color **58.6084, 0.3144, 0.2771** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **73.5141, 0.3106, 0.3867**, and the grayscale version is **61.5839, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.9843, 0.3133, 0.3165**, and **29.2222, 0.3147, 0.2646** is the 20% darker color. If you saturate the color by 10%, you get **49.4350, 0.3151, 0.2521**, and if you desaturate by 10%, it is **69.4152, 0.3136, 0.3023**.

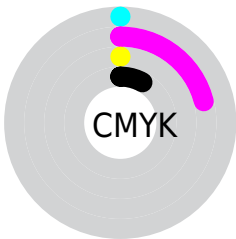
Distribution



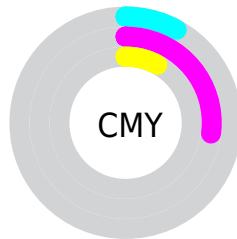
- Red (92%)
- Green (73%)
- Blue (92%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.6084, 0.3144, 0.2771 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 58.6084, 0.3144, 0.2771 by changing the saturation by 10% instead.


 58.6084, 0.3144,
0.2771

 58.6084, 0.3144,
0.2771


419.4492, 0.3140,
0.3010

 42.2980, 0.3144,
0.2717


 102.8083, 0.3143,
0.2854

 29.3347, 0.3143,
0.2650


131.4666, 0.3143,
0.2886

 19.3341, 0.3141,
0.2566


165.0095, 0.3143,
0.2914

 11.9120, 0.3138,
0.2457

203.8216, 0.3142,
0.2938

 6.6838, 0.3130,
0.2311

248.2873, 0.3142,
0.2959

 3.2651, 0.3114,
0.2103

298.7908, 0.3141,

 1.2717, 0.3075,

0.2978

0.1790

355.7166, 0.3141,
0.2995

0.1191, 0.3210,
0.0521

0.0000, 0.0000,
0.0000

58.6084, 0.3144,
0.2771

58.6084, 0.3144,
0.2771

49.4350, 0.3151,
0.2521

69.4152, 0.3136,
0.3023

41.8078, 0.3158,
0.2281

81.9218, 0.3128,
0.3269

35.6433, 0.3163,
0.2061

95.2496, 0.3120,
0.3490

30.8467, 0.3166,
0.1872

95.3269, 0.3123,
0.3490

■ 27.3124, 0.3167,
0.1720

■ 95.4043, 0.3126,
0.3490

■ 24.9193, 0.3166,
0.1610

■ 95.4819, 0.3129,
0.3490

■ 23.5225, 0.3164,
0.1544

■ 95.5597, 0.3132,
0.3490

■ 22.8994, 0.3161,
0.1515

■ 95.6378, 0.3134,
0.3490

■ 95.7160, 0.3137,
0.3489

Harmonies

Analogous

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



58.6084, 0.2760, 0.2647



58.6084, 0.3144, 0.2771



58.6084, 0.3547, 0.3013

Triad

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



58.6084, 0.3144, 0.2771



58.6084, 0.3786, 0.3908



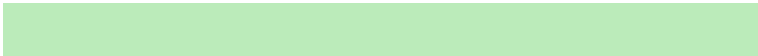
58.6084, 0.2459, 0.3187

Complementary

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



58.6084, 0.3144, 0.2771



73.5141, 0.3106, 0.3867

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.



58.6084, 0.2704, 0.3581



58.6084, 0.3144, 0.2771



58.6084, 0.3468, 0.4015

Square

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



58.6084, 0.3144, 0.2771



58.6084, 0.3929, 0.3649



58.6084, 0.3070, 0.3899



58.6084, 0.2384, 0.2858

Rectangle

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



58.6084, 0.3144, 0.2771



58.6084, 0.3763, 0.3217



58.6084, 0.3070, 0.3899



58.6084, 0.2523, 0.3318

Sweetspot

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



58.6109, 0.3144, 0.2771



90.5679, 0.3132, 0.3143



52.2393, 0.2779, 0.2731



19.1754, 0.3133, 0.3127



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.



58.6109, 0.3144, 0.2771



65.6189, 0.3147, 0.2664



57.5329, 0.3329, 0.3006



15.2981, 0.3135, 0.3058



12.7521, 0.3161, 0.1515



1.0061, 0.3168, 0.1519

Inverse Universe

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



56.3580, 0.3538, 0.3281



62.4577, 0.3648, 0.3279



74.4475, 0.2965, 0.3592



15.0587, 0.3290, 0.3286



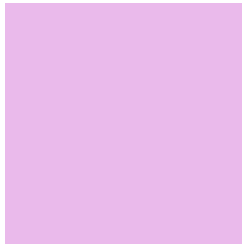
9.8374, 0.6380, 0.3288



0.7741, 0.6323, 0.3257

Previews

White Background



This preview shows how the Yxy color 58.6084, 0.3144, 0.2771 looks on a white background.

Color Contrast Check

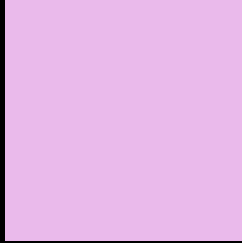
Large Text (above 18pt) WCAG AA × Fail

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 58.6084, 0.3144, 0.2771 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

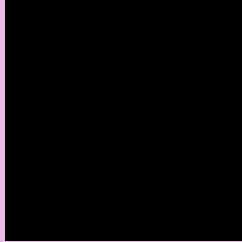
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.6084, 0.3144, 0.2771

Background



This preview shows how black text looks on a background with the Yxy color 58.6084, 0.3144, 0.2771.



This preview shows how white text looks on a background with the Yxy color 58.6084, 0.3144, 0.2771.

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

58.6084, 0.3144, 0.2771

Protanopia

59.0467, 0.2774, 0.2790

Deuteranopia

58.9375, 0.2942, 0.2884



Tritanopia

58.5408, 0.3331, 0.3125

Trichromacy



Original Color

58.6084, 0.3144, 0.2771



Protanomaly

58.6465, 0.2896, 0.2778



Deuteranomaly

58.6794, 0.3010, 0.2837



Tritanomaly

58.3939, 0.3255, 0.2985

Monochromacy



Original Color

58.6084, 0.3144, 0.2771



Achromatopsia

61.7207, 0.3127, 0.3290



Achromatomaly

60.4555, 0.3129, 0.3087

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.6084, 0.3144, 0.2771 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(234, 186, 235)` looks like.

```
.text, #text, p{  
    color:rgb(234, 186, 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(234, 186, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 186, 235) }
```

Border

The CSS property to change the border of an element to Yxy 58.6084, 0.3144, 0.2771 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(234, 186, 235) }
```

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

```
.border{ border-color:rgb(234, 186, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 186, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 186, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 186, 235);  
box-shadow:4px 4px 4px 4px rgb(234, 186,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 58.6084, 0.3144, 0.2771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 186, 235) }
```

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

```
.background{ background-color: rgb(234,  
186, 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](#).

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