

Converting Colors

Yxy(54.1339, 0.3129, 0.2638)

Have a look what the booklet for
Yxy(54.1339, 0.3129, 0.2638)
contains.

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Color

Yxy(54.0980, 0.3125, 0.2633)

Conversions

Conversions Part 1

Format	Color
Hex	E9AFED
RGB	233, 175, 237
RGB Percent	91%, 69%, 93%
CMY	0.0864, 0.3136, 0.0707
CMYK	0.02, 0.26, 0.00, 0.07
HSL	296°, 63%, 81%
HSV	296°, 26%, 93%
XYZ	64.2067, 54.0980, 87.1567
YIQ	199.4100, 14.6660, 31.5780

Conversions

Conversions Part 2

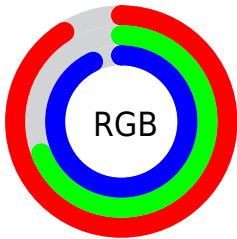
Format	Color
R _Y B	233, 175, 237
Decimal	15314925
CIE Lab	78.52, 31.31, -22.74
CIE LCh	79, 38.692, 324.013
Yxy	54.0980, 0.3125, 0.2633
Android (android.graphics.Color)	4293505005 (0xFFE9AFED)
YUV	199.4100, 18.5319, 29.4584
Hunter-Lab	73.5513, 27.1069, -18.7714

Details

The Yxy color **54.0980, 0.3125, 0.2633** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **73.2372, 0.3118, 0.4033**, and the grayscale version is **57.2549, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.6318, 0.3138, 0.3058**, and **26.6024, 0.3121, 0.2483** is the 20% darker color. If you saturate the color by 10%, you get **45.4121, 0.3121, 0.2382**, and if you desaturate by 10%, it is **64.4095, 0.3127, 0.2888**.

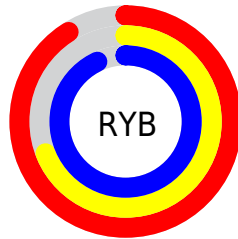
Distribution



Red (91%)

Green (69%)

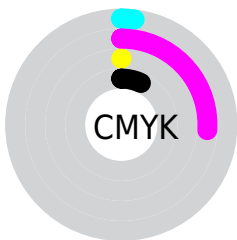
Blue (93%)



Red (91%)

Yellow (69%)

Blue (93%)

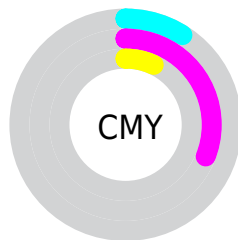


Cyan (2%)

Magenta (26%)

Yellow (0%)

Black (7%)



Cyan (9%)


Magenta (31%)


Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.0980, 0.3125, 0.2633 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 54.0980, 0.3125, 0.2633 by changing the saturation by 10% instead.


 54.0980, 0.3125,
0.2633

 54.0980, 0.3125,
0.2633

402.4836, 0.3133,
0.2936

 38.6800, 0.3122,
0.2565


 96.2181, 0.3129,
0.2737

 26.5109, 0.3116,
0.2480


123.6890, 0.3130,
0.2778

 17.2062, 0.3108,
0.2375


155.9464, 0.3131,
0.2813

 10.3816, 0.3095,
0.2238

193.3746, 0.3132,
0.2844

 5.6527, 0.3073,
0.2055

236.3580, 0.3132,
0.2871

 2.6351, 0.3032,
0.1799

285.2811, 0.3132,

 0.9443, 0.2945,

0.2895

0.1422

340.5281, 0.3133,
0.2916

0.0000, 0.2908,
0.0000

0.0000, 0.0000,
0.0000

54.0980, 0.3125,
0.2633

54.0980, 0.3125,
0.2633

45.4121, 0.3121,
0.2382

64.4095, 0.3127,
0.2888

38.2603, 0.3114,
0.2145

76.4179, 0.3128,
0.3140

32.5524, 0.3106,
0.1932

90.1990, 0.3127,
0.3382

28.1865, 0.3095,
0.1752

96.0010, 0.3132,
0.3469

■ 25.0470, 0.3082,
0.1613

■ 96.2695, 0.3142,
0.3469

■ 22.9989, 0.3067,
0.1517

■ 96.5403, 0.3151,
0.3468

■ 21.8746, 0.3051,
0.1465

■ 96.8134, 0.3161,
0.3468

■ 21.5825, 0.3045,
0.1451

■ 97.0887, 0.3170,
0.3467

■ 97.3664, 0.3180,
0.3467

Harmonies

Analogous

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



54.0980, 0.2645, 0.2483



54.0980, 0.3125, 0.2633



54.0980, 0.3646, 0.2926

Triad

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



54.0980, 0.3125, 0.2633



54.0980, 0.3973, 0.4058



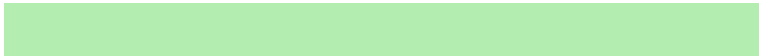
54.0980, 0.2291, 0.3165

Complementary

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



54.0980, 0.3125, 0.2633



73.2372, 0.3118, 0.4033

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.



54.0980, 0.2599, 0.3682



54.0980, 0.3125, 0.2633



54.0980, 0.3567, 0.4224

Square

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



54.0980, 0.3125, 0.2633



54.0980, 0.4154, 0.3714



54.0980, 0.3063, 0.4096



54.0980, 0.2195, 0.2744

Rectangle

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



54.0980, 0.3125, 0.2633



54.0980, 0.3931, 0.3175



54.0980, 0.3063, 0.4096



54.0980, 0.2372, 0.3335

Sweetspot

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



54.1004, 0.3125, 0.2633



87.4181, 0.3128, 0.3093



47.5333, 0.2679, 0.2593



18.2369, 0.3128, 0.3055



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.



54.1004, 0.3125, 0.2633



58.5527, 0.3123, 0.2507



53.3301, 0.3377, 0.2909



15.2612, 0.3128, 0.3057



11.8088, 0.3047, 0.1452



0.9423, 0.3071, 0.1466

Inverse Universe

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



51.9269, 0.3651, 0.3247



55.6302, 0.3790, 0.3238



73.9277, 0.2938, 0.3705



15.0699, 0.3283, 0.3275



9.8557, 0.6331, 0.3261



0.7795, 0.6149, 0.3161

Previews

White Background



This preview shows how the Yxy color 54.0980, 0.3125, 0.2633 looks on a white background.

Color Contrast Check

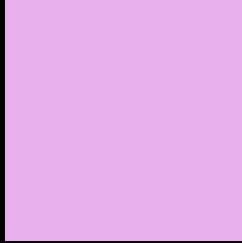
Large Text (above 18pt) WCAG AA × Fail

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 54.0980, 0.3125, 0.2633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

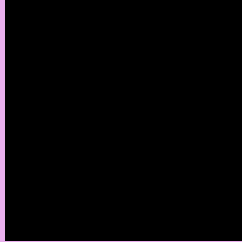
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.0980, 0.3125, 0.2633

Background



This preview shows how black text looks on a background with the Yxy color 54.0980, 0.3125, 0.2633.



This preview shows how white text looks on a background with the Yxy color 54.0980, 0.3125, 0.2633.

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

54.0980, 0.3125, 0.2633

Protanopia

54.2421, 0.2656, 0.2630

Deuteranopia

54.2368, 0.2845, 0.2779



Tritanopia

54.2291, 0.3390, 0.3133

Trichromacy



Original Color

54.0980, 0.3125, 0.2633



Protanomaly

53.8525, 0.2807, 0.2625



Deuteranomaly

54.1060, 0.2941, 0.2727



Tritanomaly

54.0540, 0.3287, 0.2936

Monochromacy



Original Color

54.0980, 0.3125, 0.2633



Achromatopsia

57.1125, 0.3127, 0.3290



Achromatomaly

55.4799, 0.3124, 0.3025

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.0980, 0.3125, 0.2633 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(233, 175, 237)` looks like.

```
.text, #text, p{  
    color:rgb(233, 175, 237)  
}
```

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(233, 175, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 175, 237) }
```

Border

The CSS property to change the border of an element to Yxy 54.0980, 0.3125, 0.2633 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(233, 175, 237) }
```

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

```
.border{ border-color:rgb(233, 175, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 175, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 175, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 175, 237);  
box-shadow:4px 4px 4px 4px rgb(233, 175,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 54.0980, 0.3125, 0.2633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 175, 237) }
```

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

```
.background{ background-color: rgb(233,  
175, 237) }
```

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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