

Converting Colors

Yxy(54.2015, 0.3140, 0.2604)

Have a look what the booklet for
Yxy(54.2015, 0.3140, 0.2604)
contains.

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Color

Yxy(54.1237, 0.3143, 0.2599)

Conversions

Conversions Part 1

Format	Color
Hex	EDADEF
RGB	237, 173, 239
RGB Percent	93%, 68%, 94%
CMY	0.0706, 0.3216, 0.0627
CMYK	0.01, 0.28, 0.00, 0.06
HSL	298°, 67%, 81%
HSV	298°, 28%, 94%
XYZ	65.4524, 54.1237, 88.6721
YIQ	199.6600, 16.9580, 34.0940

Conversions

Conversions Part 2

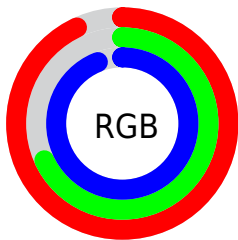
Format	Color
R _Y B	237, 173, 239
Decimal	15576559
CIE Lab	78.53, 34.06, -23.78
CIE LCh	79, 41.542, 325.080
Yxy	54.1237, 0.3143, 0.2599
Android (android.graphics.Color)	4293766639 (0xFFEDADEF)
YUV	199.6600, 19.3946, 32.7472
Hunter-Lab	73.5688, 30.0617, -19.9637

Details

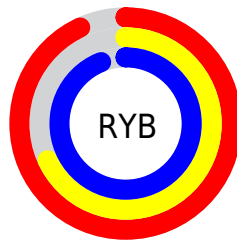
The Yxy color $54.1237, 0.3143, 0.2599$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $73.8760, 0.3102, 0.4086$, and the grayscale version is $57.4117, 0.3127, 0.3290$.

A 20% lighter version of the original color is $84.5186, 0.3139, 0.3039$, and $26.5551, 0.3134, 0.2441$ is the 20% darker color. If you saturate the color by 10%, you get $45.6399, 0.3147, 0.2353$, and if you desaturate by 10%, it is $64.2524, 0.3138, 0.2852$.

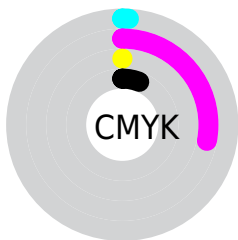
Distribution



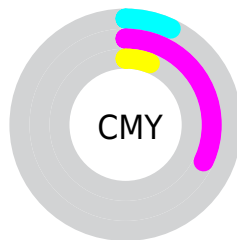
- Red (93%)
- Green (68%)
- Blue (94%)



- Red (93%)
- Yellow (68%)
- Blue (94%)



- Cyan (1%)
- Magenta (28%)
- Yellow (0%)
- Black (6%)





- Cyan (7%)
- Magenta (32%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.1237, 0.3143, 0.2599 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 54.1237, 0.3143, 0.2599 by changing the saturation by 10% instead.


 54.1237, 0.3143,
0.2599

 54.1237, 0.3143,
0.2599


402.5815, 0.3143,
0.2916

 38.7006, 0.3141,
0.2528


 96.2558, 0.3144,
0.2708

 26.5269, 0.3138,
0.2440


123.7337, 0.3145,
0.2751

 17.2182, 0.3133,
0.2330


155.9985, 0.3144,
0.2788

 10.3902, 0.3123,
0.2189

193.4347, 0.3144,
0.2820

 5.6584, 0.3105,
0.2001

236.4267, 0.3144,
0.2848

 2.6385, 0.3069,
0.1740

285.3589, 0.3144,

 0.9461, 0.2989,

0.2873

0.1361

340.6157, 0.3143,
0.2896

0.0000, 0.2993,
0.0000

0.0000, 0.0000,
0.0000

54.1237, 0.3143,
0.2599

54.1237, 0.3143,
0.2599

45.6399, 0.3147,
0.2353

64.2524, 0.3138,
0.2852

38.7064, 0.3149,
0.2124

76.0997, 0.3132,
0.3103

33.2301, 0.3150,
0.1922

89.7437, 0.3126,
0.3347

29.1049, 0.3149,
0.1755

96.2642, 0.3125,
0.3448

■ 26.2102, 0.3145,
0.1629

■ 96.3918, 0.3130,
0.3448

■ 24.4044, 0.3140,
0.1547

■ 96.5199, 0.3134,
0.3448

■ 23.4980, 0.3134,
0.1506

■ 96.6485, 0.3139,
0.3448

■ 23.3457, 0.3132,
0.1499

■ 96.7776, 0.3143,
0.3447

■ 96.9072, 0.3148,
0.3447

Harmonies

Analogous

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



54.1237, 0.2626, 0.2433



54.1237, 0.3143, 0.2599



54.1237, 0.3702, 0.2913

Triad

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



54.1237, 0.3143, 0.2599



54.1237, 0.4019, 0.4119



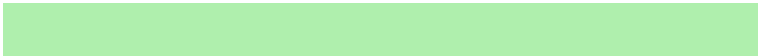
54.1237, 0.2227, 0.3133

Complementary

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



54.1237, 0.3143, 0.2599



73.8760, 0.3102, 0.4086

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.



54.1237, 0.2545, 0.3692



54.1237, 0.3143, 0.2599



54.1237, 0.3576, 0.4296

Square

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



54.1237, 0.3143, 0.2599



54.1237, 0.4227, 0.3751



54.1237, 0.3035, 0.4150



54.1237, 0.2135, 0.2690

Rectangle

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



54.1237, 0.3143, 0.2599



54.1237, 0.4004, 0.3179



54.1237, 0.3035, 0.4150



54.1237, 0.2309, 0.3315

Sweetspot

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



54.1261, 0.3143, 0.2599



87.5503, 0.3132, 0.3093



45.8552, 0.2647, 0.2519



18.2705, 0.3133, 0.3056



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.



54.1261, 0.3143, 0.2599



57.0665, 0.3145, 0.2463



52.8053, 0.3414, 0.2909



16.0054, 0.3133, 0.3057



12.9101, 0.3133, 0.1500



1.0817, 0.3144, 0.1506

Inverse Universe

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



51.3364, 0.3712, 0.3269



53.3623, 0.3877, 0.3265



74.9785, 0.2915, 0.3706



15.7666, 0.3289, 0.3283



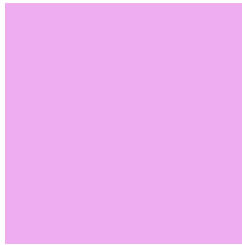
10.1533, 0.6368, 0.3282



0.8474, 0.6284, 0.3235

Previews

White Background



This preview shows how the Yxy color 54.1237, 0.3143, 0.2599 looks on a white background.

Color Contrast Check

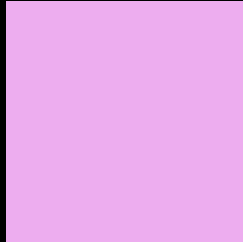
Large Text (above 18pt) WCAG AA × Fail

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 54.1237, 0.3143, 0.2599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

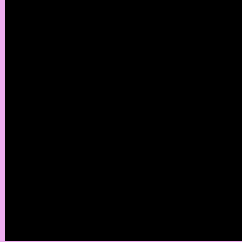
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.1237, 0.3143, 0.2599

Background



This preview shows how black text looks on a background with the Yxy color 54.1237, 0.3143, 0.2599.



This preview shows how white text looks on a background with the Yxy color 54.1237, 0.3143, 0.2599.

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

54.1237, 0.3143, 0.2599

Protanopia

54.3748, 0.2626, 0.2589

Deuteranopia

54.2205, 0.2824, 0.2757



Tritanopia

53.9768, 0.3445, 0.3134

Trichromacy



Original Color

54.1237, 0.3143, 0.2599



Protanomaly

53.7546, 0.2794, 0.2585



Deuteranomaly

53.9507, 0.2934, 0.2696



Tritanomaly

53.8676, 0.3332, 0.2928

Monochromacy



Original Color

54.1237, 0.3143, 0.2599



Achromatopsia

57.7580, 0.3127, 0.3290



Achromatomaly

55.8281, 0.3132, 0.3015

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.1237, 0.3143, 0.2599 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(237, 173, 239)` looks like.

```
.text, #text, p{  
    color:rgb(237, 173, 239)  
}
```

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(237, 173, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 173, 239) }
```

Border

The CSS property to change the border of an element to Yxy 54.1237, 0.3143, 0.2599 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(237, 173, 239) }
```

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

```
.border{ border-color:rgb(237, 173, 239) }
```

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

Here you see how a box with a 4 pixel rgb(237, 173, 239) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 173, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 173, 239);  
box-shadow:4px 4px 4px 4px rgb(237, 173,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 54.1237, 0.3143, 0.2599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 173, 239) }
```

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

```
.background{ background-color: rgb(237,  
173, 239) }
```

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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