

Converting Colors

Yxy(54.9341, 0.3141, 0.2655)

Have a look what the booklet for
Yxy(54.9341, 0.3141, 0.2655)
contains.

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Color

Yxy(54.8273, 0.3141, 0.2646)

Conversions

Conversions Part 1

Format	Color
Hex	EBB0ED
RGB	235, 176, 237
RGB Percent	92%, 69%, 93%
CMY	0.0783, 0.3099, 0.0705
CMYK	0.01, 0.26, 0.00, 0.07
HSL	298°, 63%, 81%
HSV	298°, 26%, 93%
XYZ	65.0841, 54.8273, 87.2968
YIQ	200.5950, 15.5830, 31.4790

Conversions

Conversions Part 2

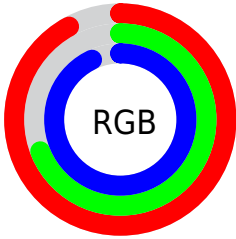
Format	Color
R _Y B	235, 176, 237
Decimal	15446253
CIE Lab	78.94, 31.47, -22.11
CIE LCh	79, 38.462, 324.918
Yxy	54.8273, 0.3141, 0.2646
Android (android.graphics.Color)	4293636333 (0xFFEBB0ED)
YUV	200.5950, 17.9477, 30.1732
Hunter-Lab	74.0455, 27.3175, -18.0689

Details

The Yxy color **54.8273, 0.3141, 0.2646** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **73.1839, 0.3106, 0.4024**, and the grayscale version is **58.0278, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.1932, 0.3138, 0.3068**, and **26.9671, 0.3131, 0.2499** is the 20% darker color. If you saturate the color by 10%, you get **46.2011, 0.3145, 0.2398**, and if you desaturate by 10%, it is **65.0816, 0.3136, 0.2899**.

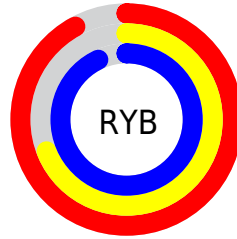
Distribution



Red (92%)

Green (69%)

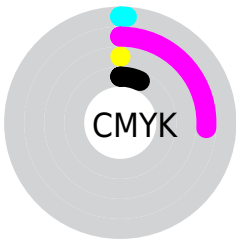
Blue (93%)



Red (92%)

Yellow (69%)

Blue (93%)

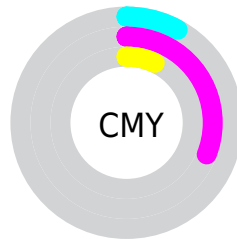


Cyan (1%)

Magenta (26%)

Yellow (0%)

Black (7%)



Cyan (8%)


Magenta (31%)

Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.8273, 0.3141, 0.2646 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 54.8273, 0.3141, 0.2646 by changing the saturation by 10% instead.


 54.8273, 0.3141,
0.2646

 54.8273, 0.3141,
0.2646


405.2570, 0.3141,
0.2942

 39.2635, 0.3139,
0.2579


 97.2879, 0.3142,
0.2748

 26.9648, 0.3137,
0.2497


124.9534, 0.3142,
0.2788

 17.5468, 0.3132,
0.2394


157.4216, 0.3142,
0.2823

 10.6251, 0.3123,
0.2260

195.0770, 0.3142,
0.2853

 5.8153, 0.3107,
0.2081

238.3037, 0.3142,
0.2879

 2.7331, 0.3076,
0.1831

287.4864, 0.3142,

 0.9940, 0.3005,

0.2902

0.1464

343.0094, 0.3141,
0.2923

0.0000, 0.3056,
0.0000

0.0000, 0.0000,
0.0000

54.8273, 0.3141,
0.2646

54.8273, 0.3141,
0.2646

46.2011, 0.3145,
0.2398

65.0816, 0.3136,
0.2899

39.1116, 0.3147,
0.2165


77.0350, 0.3131,
0.3150

33.4690, 0.3147,
0.1956


90.7633, 0.3125,
0.3391


29.1716, 0.3145,
0.1782


95.8371, 0.3126,
0.3469

 26.1044, 0.3142,
0.1648


 95.9717, 0.3130,
0.3469


 24.1333, 0.3137,
0.1557


 96.1069, 0.3135,
0.3468

 23.0927, 0.3130,
0.1509

 96.2427, 0.3140,
0.3468

 22.8200, 0.3126,
0.1496

 96.3791, 0.3145,
0.3468

 96.5160, 0.3150,
0.3468

Harmonies

Analogous

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



54.8273, 0.2662, 0.2493



54.8273, 0.3141, 0.2646



54.8273, 0.3655, 0.2940

Triad

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



54.8273, 0.3141, 0.2646



54.8273, 0.3955, 0.4059



54.8273, 0.2293, 0.3152

Complementary

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



54.8273, 0.3141, 0.2646



73.1839, 0.3106, 0.4024

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.



54.8273, 0.2592, 0.3663



54.8273, 0.3141, 0.2646



54.8273, 0.3549, 0.4215

Square

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



54.8273, 0.3141, 0.2646



54.8273, 0.4142, 0.3722



54.8273, 0.3049, 0.4078



54.8273, 0.2204, 0.2740

Rectangle

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



54.8273, 0.3141, 0.2646



54.8273, 0.3933, 0.3188



54.8273, 0.3049, 0.4078



54.8273, 0.2371, 0.3319

Sweetspot

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



54.8297, 0.3141, 0.2646



87.5415, 0.3132, 0.3093



47.1940, 0.2684, 0.2579



18.2683, 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.



54.8297, 0.3141, 0.2646



59.0239, 0.3143, 0.2512



53.6362, 0.3389, 0.2936



15.2872, 0.3133, 0.3058



12.4669, 0.3128, 0.1497



0.9869, 0.3140, 0.1503

Inverse Universe

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



52.2690, 0.3659, 0.3269



55.5270, 0.3813, 0.3265



74.1978, 0.2929, 0.3674



15.0620, 0.3288, 0.3283



9.8428, 0.6365, 0.3280



0.7757, 0.6270, 0.3228

Previews

White Background



This preview shows how the Yxy color 54.8273, 0.3141, 0.2646 looks on a white background.

Color Contrast Check

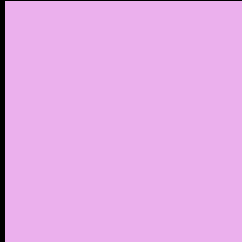
Large Text (above 18pt) WCAG AA × Fail

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 54.8273, 0.3141, 0.2646 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

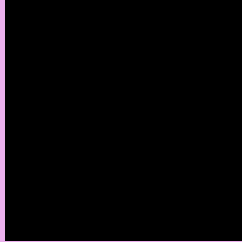
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.8273, 0.3141, 0.2646

Background



This preview shows how black text looks on a background with the Yxy color 54.8273, 0.3141, 0.2646.



This preview shows how white text looks on a background with the Yxy color 54.8273, 0.3141, 0.2646.

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

54.8273, 0.3141, 0.2646

Protanopia

55.3682, 0.2672, 0.2657

Deuteranopia

54.9379, 0.2860, 0.2793



Tritanopia

54.7672, 0.3408, 0.3123

Trichromacy



Original Color

54.8273, 0.3141, 0.2646



Protanomaly

54.5507, 0.2822, 0.2639



Deuteranomaly

54.8176, 0.2956, 0.2741



Tritanomaly

54.5518, 0.3312, 0.2939

Monochromacy



Original Color

54.8273, 0.3141, 0.2646



Achromatopsia

58.4078, 0.3127, 0.3290



Achromatomaly

56.7004, 0.3131, 0.3038

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.8273, 0.3141, 0.2646 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(235, 176, 237)` looks like.

```
.text, #text, p{  
    color:rgb(235, 176, 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(235, 176, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 176, 237) }
```

Border

The CSS property to change the border of an element to Yxy 54.8273, 0.3141, 0.2646 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(235, 176, 237) }
```

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

```
.border{ border-color:rgb(235, 176, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 176, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 176, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 176, 237);  
box-shadow:4px 4px 4px 4px rgb(235, 176,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 54.8273, 0.3141, 0.2646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 176, 237) }
```

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

```
.background{ background-color: rgb(235,  
176, 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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