

Converting Colors

Yxy(55.3546, 0.3041, 0.2453)

Have a look what the booklet for
Yxy(55.3546, 0.3041, 0.2453)
contains.

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Color

Yxy(55.4579, 0.3038, 0.2457)

Conversions

Conversions Part 1

Format	Color
Hex	EFADFF
RGB	239, 173, 255
RGB Percent	94%, 68%, 100%
CMY	0.0630, 0.3214, 0.0001
CMYK	0.06, 0.32, 0.00, 0.00
HSL	288°, 100%, 84%
HSV	288°, 32%, 100%
XYZ	68.5719, 55.4579, 101.6841
YIQ	202.0820, 13.0140, 39.4940

Conversions

Conversions Part 2

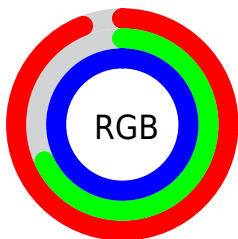
Format	Color
R _Y B	239, 173, 255
Decimal	15707647
CIE Lab	79.30, 37.65, -31.17
CIE LCh	79, 48.879, 320.374
Yxy	55.4579, 0.3038, 0.2457
Android (android.graphics.Color)	4293897727 (0xFFEFADFF)
YUV	202.0820, 26.0886, 32.3771
Hunter-Lab	74.4701, 34.0398, -28.8277

Details

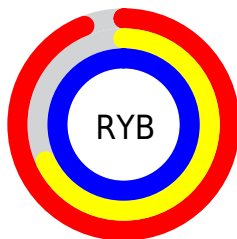
The Yxy color $55.4579, 0.3038, 0.2457$ is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be $85.3583, 0.3179, 0.4219$, and the grayscale version is $58.9448, 0.3127, 0.3290$.

A 20% lighter version of the original color is $84.5186, 0.3139, 0.3039$, and $27.4552, 0.3005, 0.2279$ is the 20% darker color. If you saturate the color by 10%, you get $45.7374, 0.2999, 0.2195$, and if you desaturate by 10%, it is $67.0732, 0.3072, 0.2724$.

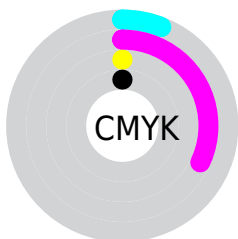
Distribution



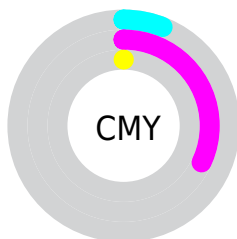
- Red (94%)
- Green (68%)
- Blue (100%)



- Red (94%)
- Yellow (68%)
- Blue (100%)



- Cyan (6%)
- Magenta (32%)
- Yellow (0%)
- Black (0%)




- Cyan (6%)
- Magenta (32%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.4579, 0.3038, 0.2457 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 55.4579, 0.3038, 0.2457 by changing the saturation by 10% instead.


 55.4579, 0.3038,
0.2457

 55.4579, 0.3038,
0.2457

407.6453, 0.3091,
0.2832

 39.7685, 0.3023,
0.2374


 98.2115, 0.3058,
0.2585

 27.3581, 0.3004,
0.2274


126.0445, 0.3066,
0.2635

 17.8423, 0.2978,
0.2150


158.6941, 0.3072,
0.2679

 10.8368, 0.2940,
0.1992


196.5447, 0.3077,
0.2717

 5.9572, 0.2883,
0.1787

239.9808, 0.3081,
0.2751

 2.8191, 0.2791,
0.1513

289.3866, 0.3085,

 1.0380, 0.2629,

0.2781

0.1136

345.1467, 0.3088,
0.2808

0.0000, 0.2458,
0.0000

0.0000, 0.0000,
0.0000

55.4579, 0.3038,
0.2457

55.4579, 0.3038,
0.2457

45.7374, 0.2999,
0.2195

67.0732, 0.3072,
0.2724

37.7980, 0.2954,
0.1949

80.6744, 0.3100,
0.2986

31.5245, 0.2906,
0.1728

96.3553, 0.3123,
0.3238

26.7856, 0.2854,
0.1544

99.9990, 0.3127,
0.3290

■ 23.4295, 0.2801,
0.1405

■ 21.2731, 0.2749,
0.1311

■ 20.2056, 0.2708,
0.1266

Harmonies

Analogous

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



55.4579, 0.2467, 0.2298



55.4579, 0.3038, 0.2457



55.4579, 0.3698, 0.2789

Triad

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



55.4579, 0.3038, 0.2457



55.4579, 0.4214, 0.4179



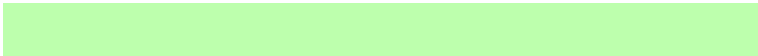
55.4579, 0.2130, 0.3195

Complementary

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



55.4579, 0.3038, 0.2457



85.3583, 0.3179, 0.4219

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.



55.4579, 0.2526, 0.3864



55.4579, 0.3038, 0.2457



55.4579, 0.3728, 0.4453

Square

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



55.4579, 0.3038, 0.2457



55.4579, 0.4413, 0.3728



55.4579, 0.3109, 0.4364



55.4579, 0.1989, 0.2651

Rectangle

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



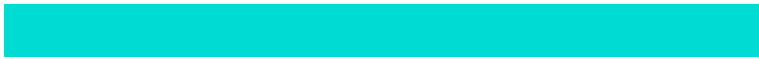
55.4579, 0.3038, 0.2457



55.4579, 0.4079, 0.3079



55.4579, 0.3109, 0.4364



55.4579, 0.2235, 0.3416

Sweetspot

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



55.4603, 0.3038, 0.2457



83.8609, 0.3105, 0.3041



52.6866, 0.2573, 0.2531



17.5006, 0.3102, 0.3005



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.



55.4603, 0.3038, 0.2457



48.5979, 0.3012, 0.2276



56.8942, 0.3361, 0.2711



18.1101, 0.3106, 0.3054



10.6229, 0.2717, 0.1270



1.0781, 0.2776, 0.1303

Inverse Universe

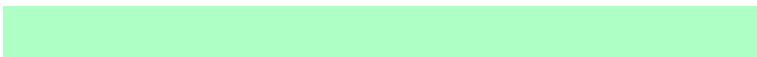
The Inverse Universe completely reimagines the original color for something new.



54.8363, 0.3724, 0.3124



47.9823, 0.3912, 0.3088



84.4583, 0.2954, 0.3951



18.0452, 0.3263, 0.3244



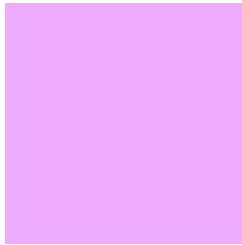
11.2452, 0.6091, 0.3129



1.1094, 0.5795, 0.2966

Previews

White Background



This preview shows how the Yxy color 55.4579, 0.3038, 0.2457 looks on a white background.

Color Contrast Check

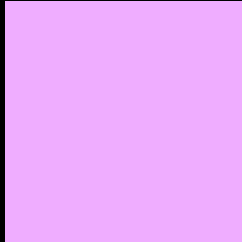
Large Text (above 18pt) WCAG AA × Fail

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 55.4579, 0.3038, 0.2457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

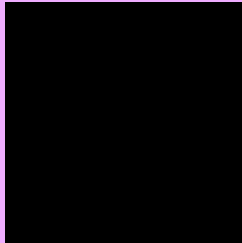
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.4579, 0.3038, 0.2457

Background



This preview shows how black text looks on a background with the Yxy color 55.4579, 0.3038, 0.2457.



This preview shows how white text looks on a background with the Yxy color 55.4579, 0.3038, 0.2457.

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

55.4579, 0.3038, 0.2457

Protanopia

55.9535, 0.2625, 0.2605

Deuteranopia

55.6698, 0.2692, 0.2630



Tritanopia

55.3471, 0.3414, 0.3135

Trichromacy



Original Color

55.4579, 0.3038, 0.2457



Protanomaly

55.1782, 0.2758, 0.2541



Deuteranomaly

55.2679, 0.2812, 0.2566



Tritanomaly

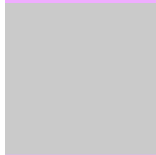
55.2494, 0.3272, 0.2868

Monochromacy



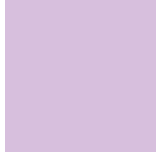
Original Color

55.4579, 0.3038, 0.2457



Achromatopsia

59.0619, 0.3127, 0.3290



Achromatomaly

56.9291, 0.3095, 0.2951

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.4579, 0.3038, 0.2457 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(239, 173, 255)` looks like.

```
.text, #text, p{  
    color:rgb(239, 173, 255)  
}
```

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(239, 173, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 173, 255) }
```

Border

The CSS property to change the border of an element to Yxy 55.4579, 0.3038, 0.2457 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(239, 173, 255) }
```

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

```
.border{ border-color:rgb(239, 173, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 173, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(239, 173, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(239, 173, 255); box-shadow:4px 4px 4px 4px rgb(239, 173, 255) }
```


Background

The CSS property to change the background color of an element to Yxy 55.4579, 0.3038, 0.2457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 173, 255) }
```

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

```
.background{ background-color: rgb(239,  
173, 255) }
```

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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