

Converting Colors

$Yxy(53.3016, 0.3245, 0.2789)$

Have a look what the booklet for
Yxy(53.3016, 0.3245, 0.2789)
contains.

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Color

Yxy(53.2575, 0.3244, 0.2781)

Conversions

Conversions Part 1

Format	Color
Hex	E9AFDE
RGB	233, 175, 222
RGB Percent	91%, 69%, 87%
CMY	0.0862, 0.3137, 0.1293
CMYK	0.00, 0.25, 0.05, 0.09
HSL	311°, 57%, 80%
HSV	311°, 25%, 91%
XYZ	62.1242, 53.2575, 76.1232
YIQ	197.7000, 19.4810, 26.9130

Conversions

Conversions Part 2

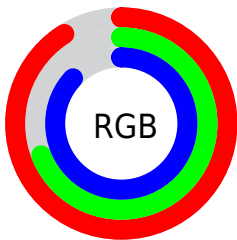
Format	Color
R _Y B	233, 175, 222
Decimal	15314910
CIE Lab	78.03, 28.63, -15.39
CIE LCh	78, 32.508, 331.740
Yxy	53.2575, 0.3244, 0.2781
Android (android.graphics.Color)	4293504990 (0xFFE9AFDE)
YUV	197.7000, 11.9799, 30.9581
Hunter-Lab	72.9777, 24.2417, -10.7611

Details

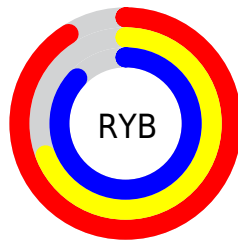
The Yxy color **53.2575, 0.3244, 0.2781** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **70.9454, 0.3029, 0.3859**, and the grayscale version is **56.1997, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.6318, 0.3138, 0.3058**, and **26.0562, 0.3271, 0.2658** is the 20% darker color. If you saturate the color by 10%, you get **44.7250, 0.3303, 0.2574**, and if you desaturate by 10%, it is **63.3659, 0.3192, 0.2990**.

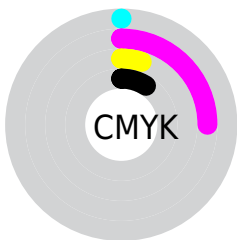
Distribution



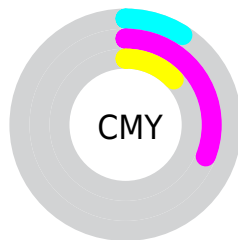
- Red (91%)
- Green (69%)
- Blue (87%)



- Red (91%)
- Yellow (69%)
- Blue (87%)



- Cyan (0%)
- Magenta (25%)
- Yellow (5%)
- Black (9%)





- Cyan (9%)
- Magenta (31%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.2575, 0.3244, 0.2781 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 53.2575, 0.3244, 0.2781 by changing the saturation by 10% instead.


 53.2575, 0.3244,
0.2781

 53.2575, 0.3244,
0.2781


399.2723, 0.3192,
0.3019

 38.0084, 0.3255,
0.2726


 94.9832, 0.3226,
0.2864

 25.9892, 0.3269,
0.2658


122.2285, 0.3219,
0.2896

 16.8156, 0.3287,
0.2571


154.2414, 0.3213,
0.2924

 10.1031, 0.3308,
0.2458

191.4061, 0.3208,
0.2948

 5.4674, 0.3336,
0.2302

234.1072, 0.3203,
0.2969

 2.5240, 0.3372,
0.2078

282.7290, 0.3199,

 0.8886, 0.3417,

0.2988

0.1728

337.6559, 0.3195,
0.3004

0.0000, 0.3696,
0.0000

0.0000, 0.0000,
0.0000

53.2575, 0.3244,
0.2781

53.2575, 0.3244,
0.2781

44.7250, 0.3303,
0.2574

63.3659, 0.3192,
0.2990

37.6809, 0.3367,
0.2375

75.1178, 0.3147,
0.3193

32.0400, 0.3437,
0.2196

88.5854, 0.3108,
0.3388

27.7056, 0.3511,
0.2046

95.1190, 0.3079,
0.3443

■ 24.5687, 0.3586,
0.1933

■ 95.3843, 0.3054,
0.3399

■ 22.5026, 0.3659,
0.1866

■ 95.6561, 0.3029,
0.3354

■ 21.3521, 0.3730,
0.1846

■ 95.9343, 0.3005,
0.3310

■ 20.9934, 0.3765,
0.1848

■ 96.0663, 0.2994,
0.3290

Harmonies

Analogous

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



53.2575, 0.2815, 0.2616



53.2575, 0.3244, 0.2781



53.2575, 0.3667, 0.3061

Triad

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



53.2575, 0.3244, 0.2781



53.2575, 0.3774, 0.4000



53.2575, 0.2373, 0.3086

Complementary

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



53.2575, 0.3244, 0.2781



70.9454, 0.3029, 0.3859

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.



53.2575, 0.2597, 0.3511



53.2575, 0.3244, 0.2781



53.2575, 0.3400, 0.4071

Square

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



53.2575, 0.3244, 0.2781



53.2575, 0.3980, 0.3744



53.2575, 0.2968, 0.3891



53.2575, 0.2338, 0.2763

Rectangle

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



53.2575, 0.3244, 0.2781



53.2575, 0.3875, 0.3286



53.2575, 0.2968, 0.3891



53.2575, 0.2428, 0.3222

Sweetspot

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



53.2599, 0.3244, 0.2781



88.9192, 0.3156, 0.3150



46.9362, 0.2779, 0.2598



18.8383, 0.3159, 0.3138



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.



53.2599, 0.3244, 0.2781



59.6209, 0.3274, 0.2672



51.8518, 0.3487, 0.3086



15.2619, 0.3167, 0.3101



11.9278, 0.3755, 0.1842



0.9492, 0.3665, 0.1793

Inverse Universe

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



53.2599, 0.3244, 0.2781



59.6209, 0.3274, 0.2672



72.2883, 0.2863, 0.3505



15.2619, 0.3167, 0.3101



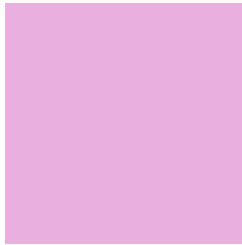
11.9278, 0.3755, 0.1842



0.9492, 0.3665, 0.1793

Previews

White Background



This preview shows how the Yxy color 53.2575, 0.3244, 0.2781 looks on a white background.

Color Contrast Check

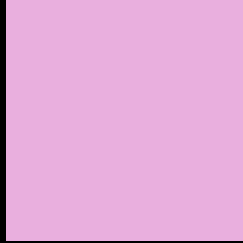
Large Text (above 18pt) WCAG AA × Fail

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 53.2575, 0.3244, 0.2781 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

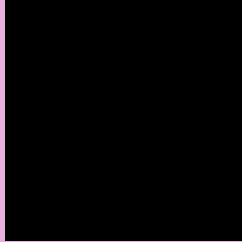
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.2575, 0.3244, 0.2781

Background



This preview shows how black text looks on a background with the Yxy color 53.2575, 0.3244, 0.2781.



This preview shows how white text looks on a background with the Yxy color 53.2575, 0.3244, 0.2781.

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

53.2575, 0.3244, 0.2781

Protanopia

53.3351, 0.2780, 0.2792

Deuteranopia

53.4131, 0.2986, 0.2914



Tritanopia

53.1956, 0.3438, 0.3133

Trichromacy



Original Color

53.2575, 0.3244, 0.2781



Protanomaly

52.9116, 0.2937, 0.2782



Deuteranomaly

53.0845, 0.3074, 0.2856



Tritanomaly

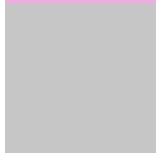
53.0234, 0.3365, 0.3001

Monochromacy



Original Color

53.2575, 0.3244, 0.2781



Achromatopsia

56.4712, 0.3127, 0.3290



Achromatomaly

55.1808, 0.3169, 0.3093

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.2575, 0.3244, 0.2781 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, 222)` looks like.

```
.text, #text, p{  
    color:rgb(233, 175, 222)  
}
```

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, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 175, 222) }
```

Border

The CSS property to change the border of an element to Yxy 53.2575, 0.3244, 0.2781 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, 222) }
```

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

```
.border{ border-color:rgb(233, 175, 222) }
```

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, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 175, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 175, 222);  
box-shadow:4px 4px 4px 4px rgb(233, 175,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 53.2575, 0.3244, 0.2781 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, 222) }
```

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

```
.background{ background-color: rgb(233,  
175, 222) }
```

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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