

Converting Colors

$Y_{xy}(42.9755, 0.3298, 0.2616)$

Have a look what the booklet for
Yxy(42.9755, 0.3298, 0.2616)
contains.

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Color

Yxy(43.0051, 0.3299, 0.2618)

Conversions

Conversions Part 1

Format	Color
Hex	E297D3
RGB	226, 151, 211
RGB Percent	89%, 59%, 83%
CMY	0.1137, 0.4079, 0.1726
CMYK	0.00, 0.33, 0.07, 0.11
HSL	312°, 56%, 74%
HSV	312°, 33%, 89%
XYZ	54.1917, 43.0051, 67.0702
YIQ	180.2650, 25.4400, 34.5600

Conversions

Conversions Part 2

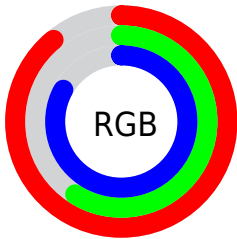
Format	Color
R _Y B	226, 151, 211
Decimal	14850003
CIE Lab	71.56, 37.20, -19.21
CIE LCh	72, 41.865, 332.689
Yxy	43.0051, 0.3299, 0.2618
Android (android.graphics.Color)	4293040083 (0xFFE297D3)
YUV	180.2650, 15.1524, 40.1096
Hunter-Lab	65.5783, 32.7444, -14.7341

Details

The Yxy color **43.0051, 0.3299, 0.2618** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **63.7346, 0.2993, 0.4073**, and the grayscale version is **45.6996, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.6226, 0.3150, 0.2811**, and **19.8700, 0.3348, 0.2460** is the 20% darker color. If you saturate the color by 10%, you get **36.1926, 0.3366, 0.2420**, and if you desaturate by 10%, it is **51.2223, 0.3239, 0.2823**.

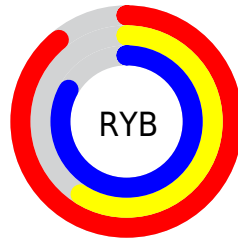
Distribution



Red (89%)

Green (59%)

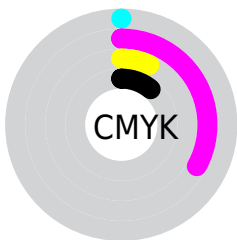
Blue (83%)



Red (89%)

Yellow (59%)

Blue (83%)

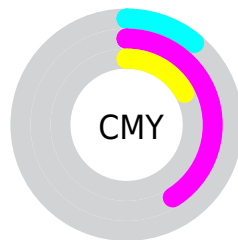


Cyan (0%)

Magenta (33%)

Yellow (7%)

Black (11%)



Cyan (11%)


Magenta (41%)


Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.0051, 0.3299, 0.2618 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 43.0051, 0.3299, 0.2618 by changing the saturation by 10% instead.

 43.0051, 0.3299,
0.2618


 43.0051, 0.3299,
0.2618


358.6327, 0.3221,
0.2939

 29.8891, 0.3316,
0.2543


 79.7186, 0.3272,
0.2731

 19.7544, 0.3338,
0.2448


 104.0848, 0.3262,
0.2775

 12.2167, 0.3364,
0.2327


132.9700, 0.3252,
0.2812

 6.8914, 0.3397,
0.2167

166.7584, 0.3244,
0.2844

 3.3943, 0.3438,
0.1945

205.8345, 0.3237,
0.2872

 1.3409, 0.3490,
0.1621

250.5826, 0.3231,

 0.1725, 0.3752,

0.2897

0.0592

301.3873, 0.3226,
0.2919

■ 0.0000, 0.0574,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 43.0051, 0.3299,
0.2618

■ 43.0051, 0.3299,
0.2618

■ 36.1926, 0.3366,
0.2420

■ 51.2223, 0.3239,
0.2823

■ 30.6990, 0.3439,
0.2239


■ 60.9120, 0.3186,
0.3029


■ 26.4381, 0.3516,
0.2084

■ 72.1447, 0.3140,
0.3228

■ 23.3111, 0.3595,
0.1966


■ 84.9844, 0.3101,
0.3418

 21.2039, 0.3674,
0.1892


 93.6102, 0.3070,
0.3508


 19.9784, 0.3750,
0.1864

 93.8731, 0.3045,
0.3461

 19.4980, 0.3800,
0.1867

 94.1427, 0.3020,
0.3414

 94.4190, 0.2995,
0.3368

 94.7021, 0.2970,
0.3322

Harmonies

Analogous

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



43.0051, 0.2711, 0.2395



43.0051, 0.3299, 0.2618



43.0051, 0.3889, 0.2985

Triad

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



43.0051, 0.3299, 0.2618



43.0051, 0.3987, 0.4260



43.0051, 0.2106, 0.2973

Complementary

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



43.0051, 0.3299, 0.2618



63.7346, 0.2993, 0.4073

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.



43.0051, 0.2386, 0.3571



43.0051, 0.3299, 0.2618



43.0051, 0.3463, 0.4386

Square

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



43.0051, 0.3299, 0.2618



43.0051, 0.4294, 0.3892



43.0051, 0.2877, 0.4132



43.0051, 0.2072, 0.2550

Rectangle

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



43.0051, 0.3299, 0.2618



43.0051, 0.4176, 0.3280



43.0051, 0.2877, 0.4132



43.0051, 0.2173, 0.3160

Sweetspot

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



43.0070, 0.3299, 0.2618



84.4713, 0.3171, 0.3092



35.7317, 0.2649, 0.2336



17.6494, 0.3178, 0.3063



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.



43.0070, 0.3299, 0.2618



50.0163, 0.3346, 0.2477



41.3407, 0.3665, 0.3029



13.8861, 0.3168, 0.3104



11.1391, 0.3789, 0.1861



0.7842, 0.3682, 0.1802

Inverse Universe

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



43.0070, 0.3299, 0.2618



50.0163, 0.3346, 0.2477



65.3170, 0.2778, 0.3572



13.8861, 0.3168, 0.3104



11.1391, 0.3789, 0.1861



0.7842, 0.3682, 0.1802

Previews

White Background



This preview shows how the Yxy color 43.0051, 0.3299, 0.2618 looks on a white background.

Color Contrast Check

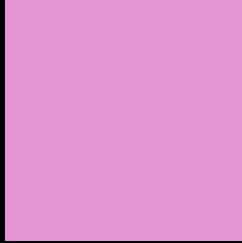
Large Text (above 18pt) WCAG AA × Fail

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 43.0051, 0.3299, 0.2618 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

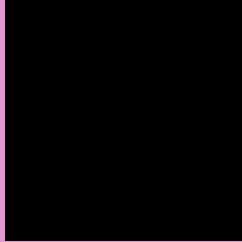
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.0051, 0.3299, 0.2618

Background



This preview shows how black text looks on a background with the Yxy color 43.0051, 0.3299, 0.2618.



This preview shows how white text looks on a background with the Yxy color 43.0051, 0.3299, 0.2618.

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

43.0051, 0.3299, 0.2618

Protanopia

43.4995, 0.2642, 0.2618

Deuteranopia

43.3572, 0.2893, 0.2842



Tritanopia

43.1087, 0.3620, 0.3149

Trichromacy



Original Color

43.0051, 0.3299, 0.2618



Protanomaly

42.8072, 0.2852, 0.2615



Deuteranomaly

42.7071, 0.3037, 0.2750



Tritanomaly

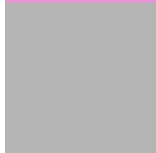
43.0101, 0.3500, 0.2941

Monochromacy



Original Color

43.0051, 0.3299, 0.2618



Achromatopsia

45.6411, 0.3127, 0.3290



Achromatomaly

44.0078, 0.3194, 0.3015

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.0051, 0.3299, 0.2618 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(226, 151, 211)` looks like.

```
.text, #text, p{  
    color:rgb(226, 151, 211)  
}
```

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(226, 151, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 151, 211) }
```

Border

The CSS property to change the border of an element to Yxy 43.0051, 0.3299, 0.2618 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(226, 151, 211) }
```

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

```
.border{ border-color:rgb(226, 151, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 151, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 151, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 151, 211);  
box-shadow:4px 4px 4px 4px rgb(226, 151,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 43.0051, 0.3299, 0.2618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 151, 211) }
```

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

```
.background{ background-color: rgb(226,  
151, 211) }
```

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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