

Converting Colors

$Y_{xy}(46.4749, 0.3373, 0.2847)$

Have a look what the booklet for
Yxy(46.4749, 0.3373, 0.2847)
contains.

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Color

Yxy(46.6274, 0.3367, 0.2848)

Conversions

Conversions Part 1

Format	Color
Hex	E2A3CA
RGB	226, 163, 202
RGB Percent	89%, 64%, 79%
CMY	0.1137, 0.3608, 0.2079
CMYK	0.00, 0.28, 0.11, 0.11
HSL	323°, 52%, 76%
HSV	323°, 28%, 89%
XYZ	55.1245, 46.6274, 61.9679
YIQ	186.2830, 25.0290, 25.4850

Conversions

Conversions Part 2

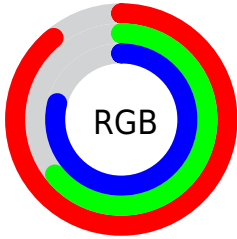
Format	Color
R_{YB}	226, 163, 202
Decimal	14853066
CIE _{Lab}	73.95, 29.25, -10.65
CIE _{LCh}	74, 31.131, 339.987
Yxy	46.6274, 0.3367, 0.2848
Android (android.graphics.Color)	4293043146 (0xFFE2A3CA)
YUV	186.2830, 7.7485, 34.8318
Hunter-Lab	68.2843, 24.6019, -6.0067

Details

The Yxy color $46.6274, 0.3367, 0.2848$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $65.7758, 0.2946, 0.3779$, and the grayscale version is $49.2163, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.6228, 0.3144, 0.2930$, and $22.0530, 0.3430, 0.2740$ is the 20% darker color. If you saturate the color by 10%, you get $38.9112, 0.3483, 0.2685$, and if you desaturate by 10%, it is $55.8048, 0.3268, 0.3011$.

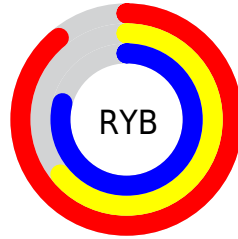
Distribution



Red (89%)

Green (64%)

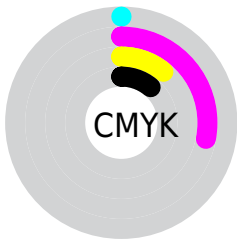
Blue (79%)



Red (89%)

Yellow (64%)

Blue (79%)

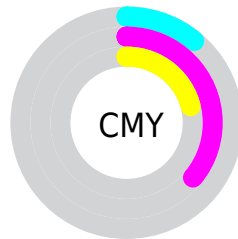


Cyan (0%)

Magenta (28%)

Yellow (11%)

Black (11%)



Cyan (11%)


Magenta (36%)

Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.6274, 0.3367, 0.2848 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 46.6274, 0.3367, 0.2848 by changing the saturation by 10% instead.


 46.6274, 0.3367,
0.2848


 46.6274, 0.3367,
0.2848


373.3253, 0.3251,
0.3061

 32.7412, 0.3395,
0.2797


 85.1572, 0.3326,
0.2924

 21.9283, 0.3430,
0.2733


 110.5695, 0.3310,
0.2952

 13.8042, 0.3475,
0.2651


140.5928, 0.3297,
0.2977

 7.9846, 0.3537,
0.2539

175.6112, 0.3285,
0.2998

 4.0851, 0.3625,
0.2382

216.0093, 0.3275,
0.3017

 1.7213, 0.3760,
0.2143

262.1714, 0.3266,

 0.4374, 0.4090,

0.3033

0.1537

314.4819, 0.3258,
0.3048

0.0000, 0.8316,
0.0000

0.0000, 0.0000,
0.0000

46.6274, 0.3367,
0.2848

46.6274, 0.3367,
0.2848

38.9112, 0.3483,
0.2685

55.8048, 0.3268,
0.3011

32.5731, 0.3616,
0.2530

66.5082, 0.3184,
0.3170

27.5313, 0.3766,
0.2393

78.8060, 0.3113,
0.3321

23.6929, 0.3930,
0.2285

92.7608, 0.3055,
0.3463

■ 20.9521, 0.4103,
0.2218

■ 94.2880, 0.3006,
0.3390

■ 19.1848, 0.4277,
0.2200

■ 94.8267, 0.2959,
0.3303

■ 18.2187, 0.4448,
0.2233

■ 94.9111, 0.2952,
0.3289

■ 18.0605, 0.4484,
0.2244

Harmonies

Analogous

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



46.6274, 0.2926, 0.2647



46.6274, 0.3367, 0.2848



46.6274, 0.3763, 0.3151

Triad

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



46.6274, 0.3367, 0.2848



46.6274, 0.3684, 0.4043



46.6274, 0.2343, 0.2983

Complementary

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



46.6274, 0.3367, 0.2848



65.7758, 0.2946, 0.3779

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.



46.6274, 0.2517, 0.3391



46.6274, 0.3367, 0.2848



46.6274, 0.3282, 0.4048

Square

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



46.6274, 0.3367, 0.2848



46.6274, 0.3946, 0.3828



46.6274, 0.2855, 0.3801



46.6274, 0.2361, 0.2701

Rectangle

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



46.6274, 0.3367, 0.2848



46.6274, 0.3934, 0.3383



46.6274, 0.2855, 0.3801



46.6274, 0.2381, 0.3109

Sweetspot

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



46.6295, 0.3367, 0.2848



87.1771, 0.3185, 0.3168



42.1385, 0.2823, 0.2525



18.1761, 0.3197, 0.3144



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.



46.6295, 0.3367, 0.2848



55.6528, 0.3427, 0.2761



45.3211, 0.3654, 0.3193



13.8424, 0.3196, 0.3146



10.3259, 0.4458, 0.2230



0.7330, 0.4215, 0.2095

Inverse Universe

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



46.6295, 0.3367, 0.2848



55.6528, 0.3427, 0.2761



67.2288, 0.2769, 0.3391



13.8424, 0.3196, 0.3146



10.3259, 0.4458, 0.2230



0.7330, 0.4215, 0.2095

Previews

White Background



This preview shows how the Yxy color 46.6274, 0.3367, 0.2848 looks on a white background.

Color Contrast Check

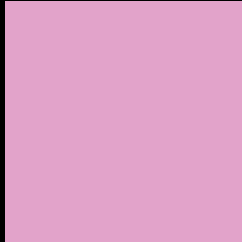
Large Text (above 18pt) WCAG AA × Fail

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 46.6274, 0.3367, 0.2848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

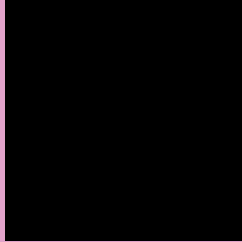
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.6274, 0.3367, 0.2848

Background



This preview shows how black text looks on a background with the Yxy color 46.6274, 0.3367, 0.2848.



This preview shows how white text looks on a background with the Yxy color 46.6274, 0.3367, 0.2848.

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

46.6274, 0.3367, 0.2848

Protanopia

47.0819, 0.2847, 0.2886

Deuteranopia

46.7743, 0.3080, 0.3016



Tritanopia

46.6207, 0.3534, 0.3139

Trichromacy



Original Color

46.6274, 0.3367, 0.2848

Protanomaly

46.3449, 0.3019, 0.2862

Deuteranomaly

46.5125, 0.3178, 0.2952

Tritanomaly

46.7506, 0.3471, 0.3036

Monochromacy



Original Color

46.6274, 0.3367, 0.2848

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.0641, 0.3213, 0.3119

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.6274, 0.3367, 0.2848 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, 163, 202)` looks like.

```
.text, #text, p{  
    color:rgb(226, 163, 202)  
}
```

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, 163, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 163, 202) }
```

Border

The CSS property to change the border of an element to Yxy 46.6274, 0.3367, 0.2848 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, 163, 202) }
```

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

```
.border{ border-color:rgb(226, 163, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 163, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 163, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 163, 202);  
box-shadow:4px 4px 4px 4px rgb(226, 163,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 46.6274, 0.3367, 0.2848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 163, 202) }
```

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

```
.background{ background-color: rgb(226,  
163, 202) }
```

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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