

Converting Colors

Yxy(50.0680, 0.3252, 0.2810)

Have a look what the booklet for
Yxy(50.0680, 0.3252, 0.2810)
contains.

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Color

Yxy(50.1496, 0.3254, 0.2810)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E2ABD6 |
| RGB | 226, 171, 214 |
| RGB Percent | 89%, 67%, 84% |
| CMY | 0.1136, 0.3295, 0.1607 |
| CMYK | 0.00, 0.24, 0.05, 0.11 |
| HSL | 313°, 49%, 78% |
| HSV | 313°, 24%, 89% |
| XYZ | 58.0736, 50.1496, 70.2451 |
| YIQ | 192.3470, 18.9770, 25.0330 |

Conversions

Conversions Part 2

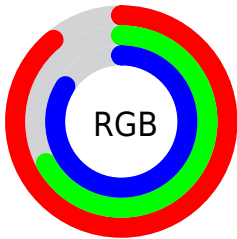
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 226, 171, 214 |
| Decimal | 14855126 |
| CIE Lab | 76.16, 27.03, -13.92 |
| CIE LCh | 76, 30.404, 332.759 |
| Yxy | 50.1496, 0.3254, 0.2810 |
| Android (android.graphics.Color) | 4293045206 (0xFFE2ABD6) |
| YUV | 192.3470, 10.6749, 29.5137 |
| Hunter-Lab | 70.8164, 22.4518, -9.2403 |

Details

The Yxy color **50.1496, 0.3254, 0.2810** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **66.4879, 0.3022, 0.3823**, and the grayscale version is **52.8562, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.4182, 0.3140, 0.3019**, and **24.0061, 0.3286, 0.2691** is the 20% darker color. If you saturate the color by 10%, you get **42.0826, 0.3320, 0.2609**, and if you desaturate by 10%, it is **59.6887, 0.3196, 0.3011**.

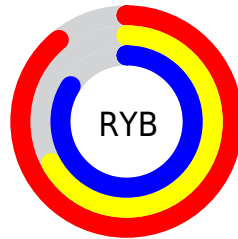
Distribution



Red (89%)

Green (67%)

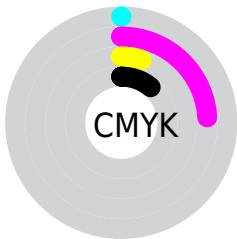
Blue (84%)



Red (89%)

Yellow (67%)

Blue (84%)

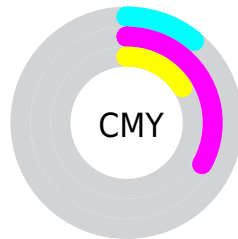


Cyan (0%)

Magenta (24%)

Yellow (5%)

Black (11%)



Cyan (11%)


Magenta (33%)

Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.1496, 0.3254, 0.2810 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 50.1496, 0.3254, 0.2810 by changing the saturation by 10% instead.


 50.1496, 0.3254,
0.2810

 50.1496, 0.3254,
0.2810

387.2507, 0.3196,
0.3038

 35.5323, 0.3267,
0.2757


 90.3965, 0.3234,
0.2890

 24.0732, 0.3283,
0.2690


116.7949, 0.3226,
0.2921

 15.3879, 0.3304,
0.2605


147.8890, 0.3219,
0.2947

 9.0921, 0.3330,
0.2492

184.0634, 0.3213,
0.2970

 4.8013, 0.3365,
0.2335

225.7023, 0.3208,
0.2990

 2.1312, 0.3412,
0.2104

273.1903, 0.3203,

 0.6821, 0.3491,

0.3008

0.1701

326.9116, 0.3199,
0.3023

0.0000, 0.3341,
0.0000

0.0000, 0.0000,
0.0000

50.1496, 0.3254,
0.2810

50.1496, 0.3254,
0.2810

42.0826, 0.3320,
0.2609

59.6887, 0.3196,
0.3011

35.4068, 0.3393,
0.2416

70.7624, 0.3147,
0.3207

30.0434, 0.3473,
0.2240

83.4374, 0.3104,
0.3394

25.9033, 0.3558,
0.2092

93.6211, 0.3070,
0.3507

■ 22.8861, 0.3645,
0.1981

■ 93.9085, 0.3042,
0.3455

■ 20.8754, 0.3732,
0.1915

■ 94.2038, 0.3014,
0.3405

■ 19.7294, 0.3816,
0.1896

■ 94.5072, 0.2987,
0.3354

■ 19.3355, 0.3862,
0.1901

■ 94.8186, 0.2960,
0.3304

■ 94.9144, 0.2952,
0.3289

Harmonies

Analogous

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



50.1496, 0.2842, 0.2648



50.1496, 0.3254, 0.2810



50.1496, 0.3654, 0.3082

Triad

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



50.1496, 0.3254, 0.2810



50.1496, 0.3736, 0.3974



50.1496, 0.2401, 0.3085

Complementary

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



50.1496, 0.3254, 0.2810



66.4879, 0.3022, 0.3823

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.



50.1496, 0.2611, 0.3487



50.1496, 0.3254, 0.2810



50.1496, 0.3375, 0.4032

Square

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



50.1496, 0.3254, 0.2810



50.1496, 0.3938, 0.3737



50.1496, 0.2963, 0.3851



50.1496, 0.2373, 0.2779

Rectangle

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



50.1496, 0.3254, 0.2810



50.1496, 0.3848, 0.3300



50.1496, 0.2963, 0.3851



50.1496, 0.2452, 0.3213

Sweetspot

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



50.1518, 0.3254, 0.2810



88.8867, 0.3159, 0.3155



44.6716, 0.2803, 0.2619



18.8308, 0.3162, 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.



50.1518, 0.3254, 0.2810



60.5511, 0.3285, 0.2712



48.8663, 0.3493, 0.3112



13.8817, 0.3171, 0.3109



11.0454, 0.3850, 0.1894



0.7785, 0.3732, 0.1829

Inverse Universe

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



50.1518, 0.3254, 0.2810



60.5511, 0.3285, 0.2712



67.7435, 0.2858, 0.3477



13.8817, 0.3171, 0.3109



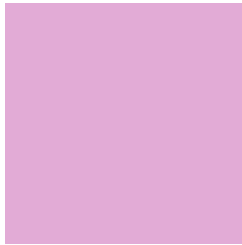
11.0454, 0.3850, 0.1894



0.7785, 0.3732, 0.1829

Previews

White Background



This preview shows how the Yxy color 50.1496, 0.3254, 0.2810 looks on a white background.

Color Contrast Check

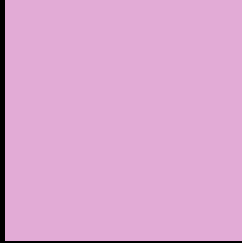
Large Text (above 18pt) WCAG AA × Fail

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 50.1496, 0.3254, 0.2810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

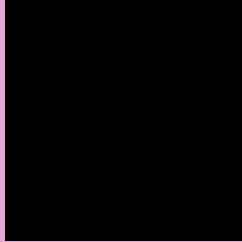
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.1496, 0.3254, 0.2810

Background



This preview shows how black text looks on a background with the Yxy color 50.1496, 0.3254, 0.2810.



This preview shows how white text looks on a background with the Yxy color 50.1496, 0.3254, 0.2810.

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

50.1496, 0.3254, 0.2810

Protanopia

50.2029, 0.2806, 0.2826

Deuteranopia

50.2225, 0.3004, 0.2940



Tritanopia

50.0220, 0.3437, 0.3129

Trichromacy



Original Color

50.1496, 0.3254, 0.2810



Protanomaly

50.0854, 0.2962, 0.2827



Deuteranomaly

50.1661, 0.3087, 0.2890



Tritanomaly

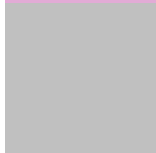
50.1966, 0.3369, 0.3016

Monochromacy



Original Color

50.1496, 0.3254, 0.2810



Achromatopsia

52.7115, 0.3127, 0.3290



Achromatomaly

51.2885, 0.3170, 0.3098

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.1496, 0.3254, 0.2810 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, 171, 214)` looks like.

```
.text, #text, p{  
    color:rgb(226, 171, 214)  
}
```

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, 171, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 171, 214) }
```

Border

The CSS property to change the border of an element to Yxy 50.1496, 0.3254, 0.2810 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, 171, 214) }
```

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

```
.border{ border-color:rgb(226, 171, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 171, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 171, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 171, 214);  
box-shadow:4px 4px 4px 4px rgb(226, 171,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 50.1496, 0.3254, 0.2810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 171, 214) }
```

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

```
.background{ background-color: rgb(226,  
171, 214) }
```

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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