

Converting Colors

$Y_{xy}(43.5995, 0.3243, 0.2784)$

Have a look what the booklet for
Yxy(43.5995, 0.3243, 0.2784)
contains.

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Color

Yxy(43.5995, 0.3243, 0.2784)

Conversions

Conversions Part 1

Format	Color
Hex	D5A0CB
RGB	213, 160, 203
RGB Percent	84%, 63%, 80%
CMY	0.1647, 0.3725, 0.2040
CMYK	0.00, 0.25, 0.05, 0.16
HSL	311°, 39%, 73%
HSV	311°, 25%, 84%
XYZ	50.7878, 43.5995, 62.2201
YIQ	180.7490, 17.7850, 24.6090

Conversions

Conversions Part 2

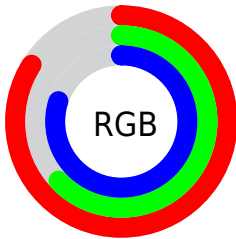
Format	Color
R _Y B	213, 160, 203
Decimal	14000331
CIE Lab	71.96, 26.60, -14.31
CIE LCh	72, 30.204, 331.717
Yxy	43.5995, 0.3243, 0.2784
Android (android.graphics.Color)	4292190411 (0xFFD5A0CB)
YUV	180.7490, 10.9697, 28.2841
Hunter-Lab	66.0299, 21.7433, -9.6481

Details

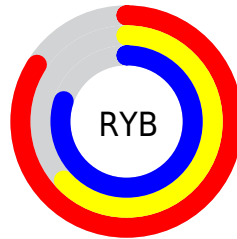
The Yxy color $43.5995, 0.3243, 0.2784$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $57.9668, 0.3030, 0.3855$, and the grayscale version is $45.9989, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.0809, 0.3145, 0.2900$, and $20.1642, 0.3272, 0.2651$ is the 20% darker color. If you saturate the color by 10%, you get $36.6481, 0.3301, 0.2578$, and if you desaturate by 10%, it is $51.8250, 0.3192, 0.2992$.

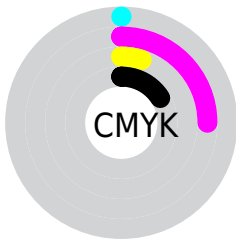
Distribution



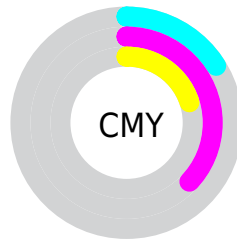
- Red (84%)
- Green (63%)
- Blue (80%)



- Red (84%)
- Yellow (63%)
- Blue (80%)



- Cyan (0%)
- Magenta (25%)
- Yellow (5%)
- Black (16%)





- Cyan (16%)
- Magenta (37%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.5995, 0.3243, 0.2784 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 43.5995, 0.3243, 0.2784 by changing the saturation by 10% instead.


 43.5995, 0.3243,
0.2784


 43.5995, 0.3243,
0.2784


361.0714, 0.3189,
0.3029

 30.3558, 0.3255,
0.2725


 80.6147, 0.3224,
0.2871

 20.1088, 0.3270,
0.2651


 105.1551, 0.3217,
0.2905

 12.4741, 0.3289,
0.2555

134.2297, 0.3211,
0.2933

 7.0675, 0.3314,
0.2425

168.2230, 0.3205,
0.2958

 3.5043, 0.3345,
0.2240

207.5195, 0.3201,
0.2979

 1.4004, 0.3387,
0.1959

252.5034, 0.3196,

 0.2170, 0.3663,

0.2998

0.0929

303.5593, 0.3193,
0.3014

0.0000, 0.0000,
0.0000

43.5995, 0.3243,
0.2784

43.5995, 0.3243,
0.2784

36.6481, 0.3301,
0.2578

51.8250, 0.3192,
0.2992

30.9003, 0.3365,
0.2380

61.3786, 0.3147,
0.3194

26.2881, 0.3435,
0.2201

72.3184, 0.3108,
0.3388

22.7338, 0.3508,
0.2050

84.6972, 0.3075,
0.3570

20.1503, 0.3582,
0.1937

91.0007, 0.3050,
0.3626

■ 18.4364, 0.3655,
0.1868

■ 91.2209, 0.3027,
0.3582

■ 17.4689, 0.3725,
0.1845

■ 91.4464, 0.3005,
0.3539

■ 17.1512, 0.3760,
0.1845

■ 91.6770, 0.2983,
0.3496

■ 91.9130, 0.2961,
0.3453

Harmonies

Analogous

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



43.5995, 0.2817, 0.2620



43.5995, 0.3243, 0.2784



43.5995, 0.3663, 0.3062

Triad

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



43.5995, 0.3243, 0.2784



43.5995, 0.3770, 0.3995



43.5995, 0.2378, 0.3088

Complementary

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



43.5995, 0.3243, 0.2784



57.9668, 0.3030, 0.3855

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.



43.5995, 0.2601, 0.3509



43.5995, 0.3243, 0.2784



43.5995, 0.3398, 0.4065

Square

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



43.5995, 0.3243, 0.2784



43.5995, 0.3974, 0.3741



43.5995, 0.2970, 0.3887



43.5995, 0.2343, 0.2766

Rectangle

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



43.5995, 0.3243, 0.2784



43.5995, 0.3870, 0.3286



43.5995, 0.2970, 0.3887



43.5995, 0.2433, 0.3223

Sweetspot

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



43.6014, 0.3243, 0.2784



88.9196, 0.3156, 0.3150



38.4643, 0.2781, 0.2603



18.8384, 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.



43.6014, 0.3243, 0.2784



59.6225, 0.3274, 0.2671



42.4569, 0.3485, 0.3087



12.5905, 0.3166, 0.3103



10.4910, 0.3751, 0.1840



0.6434, 0.3641, 0.1779

Inverse Universe

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



43.6014, 0.3243, 0.2784



59.6225, 0.3274, 0.2671



59.0586, 0.2865, 0.3504



12.5905, 0.3166, 0.3103



10.4910, 0.3751, 0.1840



0.6434, 0.3641, 0.1779

Previews

White Background



This preview shows how the Yxy color 43.5995, 0.3243, 0.2784 looks on a white background.

Color Contrast Check

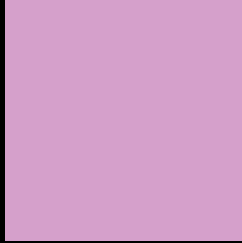
Large Text (above 18pt) WCAG AA × Fail

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 43.5995, 0.3243, 0.2784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

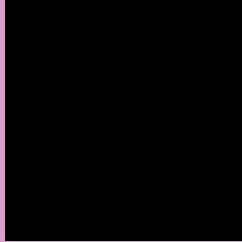
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.5995, 0.3243, 0.2784

Background



This preview shows how black text looks on a background with the Yxy color 43.5995, 0.3243, 0.2784.



This preview shows how white text looks on a background with the Yxy color 43.5995, 0.3243, 0.2784.

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

43.5995, 0.3243, 0.2784

Protanopia

43.7889, 0.2781, 0.2800

Deuteranopia

43.6672, 0.2981, 0.2919



Tritanopia

43.7862, 0.3444, 0.3144

Trichromacy



Original Color

43.5995, 0.3243, 0.2784

Protanomaly

43.5432, 0.2935, 0.2800

Deuteranomaly

43.6070, 0.3067, 0.2867

Tritanomaly

43.5884, 0.3374, 0.3012

Monochromacy



Original Color

43.5995, 0.3243, 0.2784

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

44.8987, 0.3172, 0.3088

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.5995, 0.3243, 0.2784 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(213, 160, 203)` looks like.

```
.text, #text, p{  
    color:rgb(213, 160, 203)  
}
```

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(213, 160, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 160, 203) }
```

Border

The CSS property to change the border of an element to Yxy 43.5995, 0.3243, 0.2784 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(213, 160, 203) }
```

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

```
.border{ border-color:rgb(213, 160, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 160, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 160, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 160, 203);  
box-shadow:4px 4px 4px 4px rgb(213, 160,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 43.5995, 0.3243, 0.2784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 160, 203) }
```

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

```
.background{ background-color: rgb(213,  
160, 203) }
```

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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