

Converting Colors

$Yxy(52.5392, 0.3295, 0.2991)$

Have a look what the booklet for
Yxy(52.5392, 0.3295, 0.2991)
contains.

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Color

Yxy(52.5437, 0.3295, 0.2985)

Conversions

Conversions Part 1

Format	Color
Hex	E0B3CE
RGB	224, 179, 206
RGB Percent	88%, 70%, 81%
CMY	0.1216, 0.2980, 0.1921
CMYK	0.00, 0.20, 0.08, 0.12
HSL	324°, 42%, 79%
HSV	324°, 20%, 88%
XYZ	58.0005, 52.5437, 65.4816
YIQ	195.5330, 18.1530, 17.9370

Conversions

Conversions Part 2

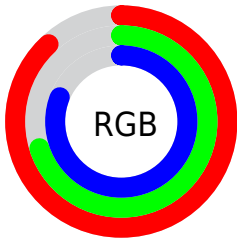
Format	Color
R _Y B	224, 179, 206
Decimal	14726094
CIE Lab	77.60, 20.63, -7.43
CIE LCh	78, 21.927, 340.195
Yxy	52.5437, 0.3295, 0.2985
Android (android.graphics.Color)	4292916174 (0xFFE0B3CE)
YUV	195.5330, 5.1602, 24.9656
Hunter-Lab	72.4870, 15.9745, -2.8191

Details

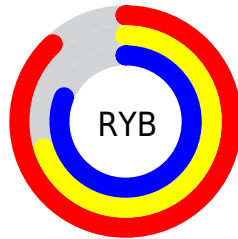
The Yxy color $52.5437, 0.3295, 0.2985$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $66.9244, 0.2989, 0.3616$, and the grayscale version is $54.8696, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.8967, 0.3136, 0.3097$, and $25.5135, 0.3332, 0.2903$ is the 20% darker color. If you saturate the color by 10%, you get $43.8614, 0.3403, 0.2826$, and if you desaturate by 10%, it is $62.7139, 0.3204, 0.3141$.

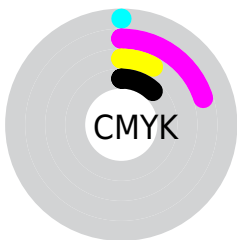
Distribution



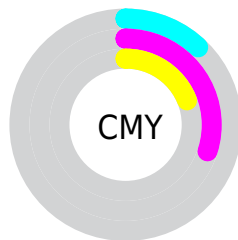
- Red (88%)
- Green (70%)
- Blue (81%)



- Red (88%)
- Yellow (70%)
- Blue (81%)



- Cyan (0%)
- Magenta (20%)
- Yellow (8%)
- Black (12%)





- Cyan (12%)
- Magenta (30%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.5437, 0.3295, 0.2985 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 52.5437, 0.3295, 0.2985 by changing the saturation by 10% instead.


 52.5437, 0.3295,
0.2985

 52.5437, 0.3295,
0.2985


396.5320, 0.3215,
0.3131

 37.4386, 0.3314,
0.2951


 93.9326, 0.3267,
0.3037

 25.5473, 0.3338,
0.2907


120.9852, 0.3256,
0.3056

 16.4853, 0.3369,
0.2851


152.7891, 0.3246,
0.3073

 9.8682, 0.3411,
0.2777

189.7287, 0.3238,
0.3088

 5.3117, 0.3470,
0.2671

232.1884, 0.3231,
0.3101

 2.4313, 0.3560,
0.2512

280.5526, 0.3225,

 0.8419, 0.3713,

0.3112

0.2243

335.2057, 0.3219,
0.3122

0.0000, 0.5217,
0.0000

0.0000, 0.0000,
0.0000

52.5437, 0.3295,
0.2985

52.5437, 0.3295,
0.2985

43.8614, 0.3403,
0.2826

62.7139, 0.3204,
0.3141

36.5892, 0.3529,
0.2669

74.4310, 0.3128,
0.3289

30.6529, 0.3673,
0.2521

87.7592, 0.3064,
0.3428

25.9687, 0.3835,
0.2393

93.7673, 0.3012,
0.3424

■ 22.4432, 0.4011,
0.2296

■ 94.3183, 0.2963,
0.3332

■ 19.9696, 0.4195,
0.2243

■ 94.5866, 0.2940,
0.3289

■ 18.4212, 0.4381,
0.2241

■ 17.5800, 0.4560,
0.2286

Harmonies

Analogous

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



52.5437, 0.2996, 0.2842



52.5437, 0.3295, 0.2985



52.5437, 0.3558, 0.3202

Triad

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



52.5437, 0.3295, 0.2985



52.5437, 0.3509, 0.3801



52.5437, 0.2585, 0.3088

Complementary

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



52.5437, 0.3295, 0.2985



66.9244, 0.2989, 0.3616

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.



52.5437, 0.2709, 0.3361



52.5437, 0.3295, 0.2985



52.5437, 0.3237, 0.3791

Square

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



52.5437, 0.3295, 0.2985



52.5437, 0.3682, 0.3668



52.5437, 0.2945, 0.3627



52.5437, 0.2597, 0.2889

Rectangle

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



52.5437, 0.3295, 0.2985



52.5437, 0.3671, 0.3366



52.5437, 0.2945, 0.3627



52.5437, 0.2612, 0.3174

Sweetspot

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



52.5460, 0.3295, 0.2985



90.2359, 0.3172, 0.3201



49.3941, 0.2926, 0.2758



19.0967, 0.3177, 0.3192



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.



52.5460, 0.3295, 0.2985



65.4976, 0.3337, 0.2920



51.5608, 0.3480, 0.3230



13.8380, 0.3199, 0.3150



10.2566, 0.4534, 0.2271



0.7285, 0.4275, 0.2129

Inverse Universe

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



52.5460, 0.3295, 0.2985



65.4976, 0.3337, 0.2920



67.9946, 0.2858, 0.3351



13.8380, 0.3199, 0.3150



10.2566, 0.4534, 0.2271



0.7285, 0.4275, 0.2129

Previews

White Background



This preview shows how the Yxy color 52.5437, 0.3295, 0.2985 looks on a white background.

Color Contrast Check

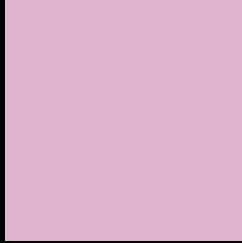
Large Text (above 18pt) WCAG AA × Fail

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 52.5437, 0.3295, 0.2985 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 52.5437, 0.3295, 0.2985

Background



This preview shows how black text looks on a background with the Yxy color 52.5437, 0.3295, 0.2985.



This preview shows how white text looks on a background with the Yxy color 52.5437, 0.3295, 0.2985.

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

52.5437, 0.3295, 0.2985

Protanopia

52.8845, 0.2951, 0.3023

Deuteranopia

52.5047, 0.3138, 0.3065



Tritanopia

52.6759, 0.3376, 0.3130

Trichromacy



Original Color

52.5437, 0.3295, 0.2985

Protanomaly

52.7503, 0.3075, 0.3017

Deuteranomaly

52.2718, 0.3198, 0.3033

Tritanomaly

52.4540, 0.3343, 0.3073

Monochromacy



Original Color

52.5437, 0.3295, 0.2985

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.1189, 0.3182, 0.3172

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.5437, 0.3295, 0.2985 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(224, 179, 206)` looks like.

```
.text, #text, p{  
    color:rgb(224, 179, 206)  
}
```

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(224, 179, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 179, 206) }
```

Border

The CSS property to change the border of an element to Yxy 52.5437, 0.3295, 0.2985 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(224, 179, 206) }
```

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

```
.border{ border-color:rgb(224, 179, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 179, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 179, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 179, 206);  
box-shadow:4px 4px 4px 4px rgb(224, 179,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 52.5437, 0.3295, 0.2985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 179, 206) }
```

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

```
.background{ background-color: rgb(224,  
179, 206) }
```

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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