

Converting Colors

Yxy(52.0194, 0.3301, 0.2729)

Have a look what the booklet for
Yxy(52.0194, 0.3301, 0.2729)
contains.

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Color

Yxy(52.0006, 0.3300, 0.2725)

Conversions

Conversions Part 1

Format	Color
Hex	EFA9DE
RGB	239, 169, 222
RGB Percent	94%, 66%, 87%
CMY	0.0627, 0.3373, 0.1292
CMYK	0.00, 0.29, 0.07, 0.06
HSL	315°, 69%, 80%
HSV	315°, 29%, 94%
XYZ	62.9732, 52.0006, 75.8541
YIQ	195.9720, 24.7070, 31.3230

Conversions

Conversions Part 2

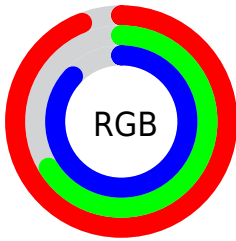
Format	Color
R _Y B	239, 169, 222
Decimal	15706590
CIE Lab	77.28, 33.81, -16.47
CIE LCh	77, 37.612, 334.034
Yxy	52.0006, 0.3300, 0.2725
Android (android.graphics.Color)	4293896670 (0xFFEFA9DE)
YUV	195.9720, 12.8318, 37.7356
Hunter-Lab	72.1114, 29.6848, -11.8892

Details

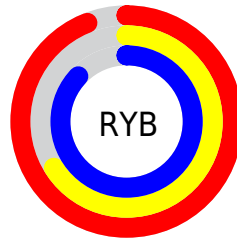
The Yxy color **52.0006, 0.3300, 0.2725** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **73.7108, 0.2991, 0.3931**, and the grayscale version is **55.0970, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.3304, 0.3141, 0.2999**, and **25.2259, 0.3336, 0.2589** is the 20% darker color. If you saturate the color by 10%, you get **43.6031, 0.3377, 0.2531**, and if you desaturate by 10%, it is **62.0386, 0.3232, 0.2922**.

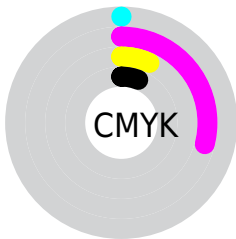
Distribution



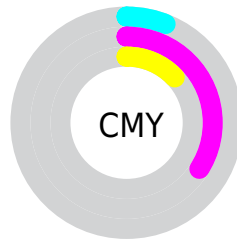
- Red (94%)
- Green (66%)
- Blue (87%)



- Red (94%)
- Yellow (66%)
- Blue (87%)



- Cyan (0%)
- Magenta (29%)
- Yellow (7%)
- Black (6%)



- Cyan (6%)
- Magenta (34%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.0006, 0.3300, 0.2725 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 52.0006, 0.3300, 0.2725 by changing the saturation by 10% instead.


 52.0006, 0.3300,
0.2725

 52.0006, 0.3300,
0.2725


394.4389, 0.3221,
0.2989

 37.0056, 0.3318,
0.2664


 93.1321, 0.3273,
0.2817

 25.2118, 0.3339,
0.2589


120.0374, 0.3262,
0.2852

 16.2349, 0.3366,
0.2494


151.6815, 0.3253,
0.2883

 9.6905, 0.3400,
0.2369

188.4489, 0.3245,
0.2910

 5.1943, 0.3445,
0.2199

230.7239, 0.3238,
0.2933

 2.3617, 0.3507,
0.1955


278.8910, 0.3232,

 0.8061, 0.3593,


0.2954

0.1577


333.3346, 0.3226,
0.2972


 0.0000, 0.3957,
0.0000

 0.0000, 0.0000,
0.0000


 52.0006, 0.3300,
0.2725

 52.0006, 0.3300,
0.2725

 43.6031, 0.3377,
0.2531


 62.0386, 0.3232,
0.2922

 36.7504, 0.3462,
0.2350

 73.7922, 0.3174,
0.3116

 31.3477, 0.3554,
0.2190

 87.3402, 0.3124,
0.3303

 27.2866, 0.3652,
0.2063

 96.4754, 0.3084,
0.3387

■ 24.4438, 0.3751,
0.1978

■ 96.8350, 0.3052,
0.3329

■ 22.6727, 0.3848,
0.1941

■ 97.0905, 0.3029,
0.3290

■ 21.7448, 0.3943,
0.1948

■ 21.6909, 0.3949,
0.1949

Harmonies

Analogous

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



52.0006, 0.2797, 0.2525



52.0006, 0.3300, 0.2725



52.0006, 0.3789, 0.3051

Triad

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



52.0006, 0.3300, 0.2725



52.0006, 0.3846, 0.4128



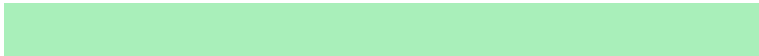
52.0006, 0.2247, 0.3011

Complementary

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



52.0006, 0.3300, 0.2725



73.7108, 0.2991, 0.3931

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.



52.0006, 0.2484, 0.3506



52.0006, 0.3300, 0.2725



52.0006, 0.3399, 0.4203

Square

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



52.0006, 0.3300, 0.2725



52.0006, 0.4110, 0.3834



52.0006, 0.2901, 0.3972



52.0006, 0.2225, 0.2654

Rectangle

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



52.0006, 0.3300, 0.2725



52.0006, 0.4022, 0.3309



52.0006, 0.2901, 0.3972



52.0006, 0.2303, 0.3167

Sweetspot

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



52.0029, 0.3300, 0.2725



85.8684, 0.3173, 0.3121



44.9640, 0.2731, 0.2463



17.9249, 0.3181, 0.3093



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.



52.0029, 0.3300, 0.2725



54.3465, 0.3344, 0.2611



50.3432, 0.3605, 0.3085



15.9621, 0.3175, 0.3113



12.0087, 0.3935, 0.1941



1.0145, 0.3819, 0.1877

Inverse Universe

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



52.0029, 0.3300, 0.2725



54.3465, 0.3344, 0.2611



75.3524, 0.2801, 0.3507



15.9621, 0.3175, 0.3113



12.0087, 0.3935, 0.1941



1.0145, 0.3819, 0.1877

Previews

White Background



This preview shows how the Yxy color 52.0006, 0.3300, 0.2725 looks on a white background.

Color Contrast Check

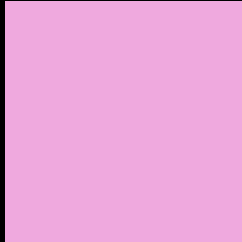
Large Text (above 18pt) WCAG AA × Fail

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 52.0006, 0.3300, 0.2725 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

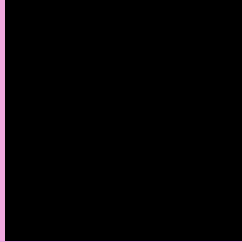
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.0006, 0.3300, 0.2725

Background



This preview shows how black text looks on a background with the Yxy color 52.0006, 0.3300, 0.2725.



This preview shows how white text looks on a background with the Yxy color 52.0006, 0.3300, 0.2725.

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

52.0006, 0.3300, 0.2725

Protanopia

52.1546, 0.2731, 0.2731

Deuteranopia

52.1026, 0.2969, 0.2899



Tritanopia

51.9962, 0.3544, 0.3135

Trichromacy



Original Color

52.0006, 0.3300, 0.2725



Protanomaly

51.6429, 0.2914, 0.2725



Deuteranomaly

51.8069, 0.3083, 0.2832



Tritanomaly

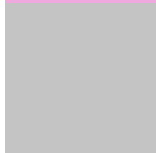
51.9371, 0.3450, 0.2983

Monochromacy



Original Color

52.0006, 0.3300, 0.2725



Achromatopsia

55.2011, 0.3127, 0.3290



Achromatomaly

53.5226, 0.3195, 0.3069

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.0006, 0.3300, 0.2725 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(239, 169, 222)` looks like.

```
.text, #text, p{  
    color:rgb(239, 169, 222)  
}
```

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(239, 169, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 169, 222) }
```

Border

The CSS property to change the border of an element to Yxy 52.0006, 0.3300, 0.2725 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(239, 169, 222) }
```

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

```
.border{ border-color:rgb(239, 169, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 169, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 169, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 169, 222);  
box-shadow:4px 4px 4px 4px rgb(239, 169,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 52.0006, 0.3300, 0.2725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 169, 222) }
```

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

```
.background{ background-color: rgb(239,  
169, 222) }
```

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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