

Converting Colors

Yxy(51.9818, 0.3500, 0.2997)

Have a look what the booklet for
Yxy(51.9818, 0.3500, 0.2997)
contains.

Yxy(51.9793, 0.3496, 0.2996)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(51.9793, 0.3496, 0.2996)

Conversions

Conversions Part 1

Format	Color
Hex	EFACC7
RGB	239, 172, 199
RGB Percent	94%, 67%, 78%
CMY	0.0628, 0.3254, 0.2196
CMYK	0.00, 0.28, 0.17, 0.06
HSL	336°, 68%, 81%
HSV	336°, 28%, 94%
XYZ	60.6541, 51.9793, 60.8623
YIQ	195.1110, 31.2650, 22.6010

Conversions

Conversions Part 2

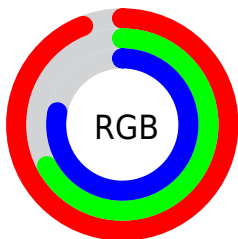
Format	Color
R _Y B	239, 172, 199
Decimal	15707335
CIE Lab	77.27, 28.45, -3.94
CIE LCh	77, 28.724, 352.111
Yxy	51.9793, 0.3496, 0.2996
Android (android.graphics.Color)	4293897415 (0xFFEFACC7)
YUV	195.1110, 1.9173, 38.4907
Hunter-Lab	72.0967, 24.0008, 0.4165

Details

The Yxy color **51.9793, 0.3496, 0.2996** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **75.2530, 0.2864, 0.3606**, and the grayscale version is **54.6182, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.9668, 0.3139, 0.3029**, and **25.1831, 0.3596, 0.2922** is the 20% darker color. If you saturate the color by 10%, you get **43.0551, 0.3683, 0.2887**, and if you desaturate by 10%, it is **62.6062, 0.3341, 0.3105**.

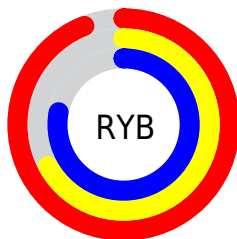
Distribution



Red (94%)

Green (67%)

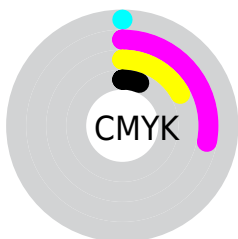
Blue (78%)



Red (94%)

Yellow (67%)

Blue (78%)

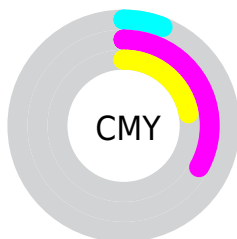


Cyan (0%)

Magenta (28%)

Yellow (17%)

Black (6%)



Cyan (6%)

Magenta (33%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.9793, 0.3496, 0.2996 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 51.9793, 0.3496, 0.2996 by changing the saturation by 10% instead.

51.9793, 0.3496,
0.2996

51.9793, 0.3496,
0.2996

394.3567, 0.3316,
0.3138

36.9886, 0.3539,
0.2962

93.1007, 0.3432,
0.3046

25.1986, 0.3595,
0.2920

120.0002, 0.3407,
0.3066

16.2251, 0.3666,
0.2864

151.6380, 0.3387,
0.3082

9.6836, 0.3764,
0.2790

188.3987, 0.3369,
0.3096

5.1897, 0.3906,
0.2684

230.6664, 0.3353,
0.3109

2.3590, 0.4126,
0.2522

278.8258, 0.3339,

0.8047, 0.4518,

0.3119

0.2240

333.2611, 0.3327,
0.3129

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.9793, 0.3496,
0.2996

51.9793, 0.3496,
0.2996

43.0551, 0.3683,
0.2887

62.6062, 0.3341,
0.3105

35.7371, 0.3905,
0.2784

75.0114, 0.3213,
0.3210

29.9300, 0.4162,
0.2696

89.2746, 0.3108,
0.3309

25.5253, 0.4450,
0.2637

97.0889, 0.3029,
0.3290

■ 22.4000, 0.4757,
0.2617

■ 20.4093, 0.5065,
0.2649

■ 19.3538, 0.5352,
0.2733

■ 19.1983, 0.5406,
0.2752

Harmonies

Analogous

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



51.9793, 0.3105, 0.2771



51.9793, 0.3496, 0.2996



51.9793, 0.3795, 0.3294

Triad

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



51.9793, 0.3496, 0.2996



51.9793, 0.3491, 0.3986



51.9793, 0.2409, 0.2900

Complementary

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



51.9793, 0.3496, 0.2996



75.2530, 0.2864, 0.3606

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.



51.9793, 0.2499, 0.3228



51.9793, 0.3496, 0.2996



51.9793, 0.3111, 0.3896

Square

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



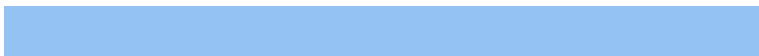
51.9793, 0.3496, 0.2996



51.9793, 0.3785, 0.3867



51.9793, 0.2750, 0.3606



51.9793, 0.2495, 0.2704

Rectangle

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



51.9793, 0.3496, 0.2996



51.9793, 0.3891, 0.3506



51.9793, 0.2750, 0.3606



51.9793, 0.2420, 0.2998

Sweetspot

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



51.9817, 0.3496, 0.2996



86.9079, 0.3213, 0.3210



49.6022, 0.2934, 0.2543



18.1083, 0.3231, 0.3195



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.



51.9817, 0.3496, 0.2996



53.6986, 0.3606, 0.2929



53.0073, 0.3725, 0.3354



15.8644, 0.3230, 0.3195



10.6348, 0.5366, 0.2730



0.9039, 0.5019, 0.2538

Inverse Universe

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



51.9817, 0.3496, 0.2996



53.6986, 0.3606, 0.2929



73.5126, 0.2713, 0.3225



15.8644, 0.3230, 0.3195



10.6348, 0.5366, 0.2730



0.9039, 0.5019, 0.2538

Previews

White Background



This preview shows how the Yxy color 51.9793, 0.3496, 0.2996 looks on a white background.

Color Contrast Check

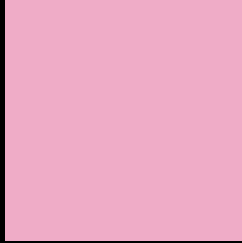
Large Text (above 18pt) WCAG AA × Fail

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 51.9793, 0.3496, 0.2996 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

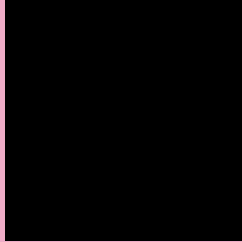
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.9793, 0.3496, 0.2996

Background



This preview shows how black text looks on a background with the Yxy color 51.9793, 0.3496, 0.2996.



This preview shows how white text looks on a background with the Yxy color 51.9793, 0.3496, 0.2996.

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

51.9793, 0.3496, 0.2996

Protanopia

52.2989, 0.2972, 0.3046

Deuteranopia

51.9945, 0.3218, 0.3147



Tritanopia

52.0371, 0.3591, 0.3147

Trichromacy



Original Color

51.9793, 0.3496, 0.2996



Protanomaly

51.5886, 0.3148, 0.3018



Deuteranomaly

51.7798, 0.3317, 0.3082



Tritanomaly

51.8259, 0.3557, 0.3093

Monochromacy



Original Color

51.9793, 0.3496, 0.2996



Achromatopsia

54.5724, 0.3127, 0.3290



Achromatomaly

53.3751, 0.3257, 0.3184

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.9793, 0.3496, 0.2996 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, 172, 199)` looks like.

```
.text, #text, p{  
    color:rgb(239, 172, 199)  
}
```

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, 172, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 172, 199) }
```

Border

The CSS property to change the border of an element to Yxy 51.9793, 0.3496, 0.2996 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, 172, 199) }
```

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

```
.border{ border-color:rgb(239, 172, 199) }
```

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

Here you see how a box with a 4 pixel rgb(239, 172, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 172, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 172, 199);  
box-shadow:4px 4px 4px 4px rgb(239, 172,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 51.9793, 0.3496, 0.2996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 172, 199) }
```

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

```
.background{ background-color: rgb(239,  
172, 199) }
```

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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