

Converting Colors

Yxy(52.0366, 0.3340, 0.2815)

Have a look what the booklet for
Yxy(52.0366, 0.3340, 0.2815)
contains.

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Color

Yxy(52.0366, 0.3340, 0.2815)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | EDABD7 |
| RGB | 237, 171, 215 |
| RGB Percent | 93%, 67%, 84% |
| CMY | 0.0708, 0.3293, 0.1569 |
| CMYK | 0.00, 0.28, 0.09, 0.07 |
| HSL | 320°, 65%, 80% |
| HSV | 320°, 28%, 93% |
| XYZ | 61.7415, 52.0366, 71.0766 |
| YIQ | 195.7500, 25.2120, 27.6760 |

Conversions

Conversions Part 2

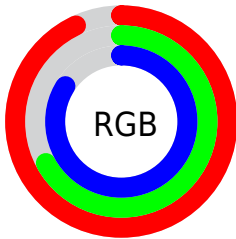
| Format | Color |
|-------------------------------------|------------------------------|
| R _{YB} | 237, 171, 215 |
| Decimal | 15576023 |
| CIE Lab | 77.30, 30.86, -12.63 |
| CIE LCh | 77, 33.345, 337.747 |
| Yxy | 52.0366, 0.3340, 0.2815 |
| Android (android.graphics.Color) | 4293766103 (0xFFEDABD7) |
| YUV | 195.7500, 9.4902, 36.1763 |
| Hunter-Lab | 72.1364, 26.5393, -7.9235 |

Details

The Yxy color **52.0366, 0.3340, 0.2815** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **73.0523, 0.2964, 0.3819**, and the grayscale version is **54.9756, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.4182, 0.3140, 0.3019**, and **25.1982, 0.3392, 0.2701** is the 20% darker color. If you saturate the color by 10%, you get **43.4776, 0.3442, 0.2641**, and if you desaturate by 10%, it is **62.2245, 0.3252, 0.2991**.

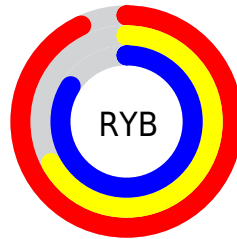
Distribution



Red (93%)

Green (67%)

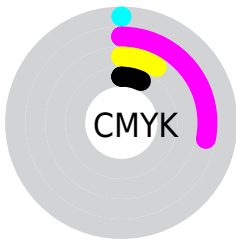
Blue (84%)



Red (93%)

Yellow (67%)

Blue (84%)

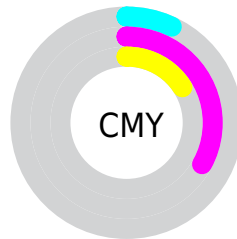


Cyan (0%)

Magenta (28%)

Yellow (9%)

Black (7%)



Cyan (7%)

Magenta (33%)

Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.0366, 0.3340, 0.2815 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 52.0366, 0.3340, 0.2815 by changing the saturation by 10% instead.


 52.0366, 0.3340,
0.2815

 52.0366, 0.3340,
0.2815


394.5779, 0.3240,
0.3039

 37.0342, 0.3363,
0.2763


 93.1852, 0.3305,
0.2893

 25.2340, 0.3392,
0.2698


120.1003, 0.3292,
0.2924

 16.2515, 0.3429,
0.2616

151.7550, 0.3280,
0.2950

 9.7023, 0.3477,
0.2507

188.5338, 0.3270,
0.2972

 5.2020, 0.3544,
0.2356

230.8211, 0.3261,
0.2992

 2.3663, 0.3641,
0.2136

279.0013, 0.3253,

 0.8085, 0.3797,

0.3009

0.1783

333.4588, 0.3246,
0.3025

0.0000, 0.4571,
0.0000

0.0000, 0.0000,
0.0000

52.0366, 0.3340,
0.2815

52.0366, 0.3340,
0.2815

43.4776, 0.3442,
0.2641

62.2245, 0.3252,
0.2991

36.4544, 0.3558,
0.2475

74.1138, 0.3177,
0.3162

30.8754, 0.3687,
0.2328

87.7812, 0.3114,
0.3325

26.6362, 0.3826,
0.2211

96.2051, 0.3064,
0.3373

■ 23.6183, 0.3972,
0.2135

■ 96.7016, 0.3020,
0.3295

■ 21.6821, 0.4119,
0.2107

■ 96.7366, 0.3017,
0.3290

■ 20.6380, 0.4262,
0.2130

■ 20.4663, 0.4293,
0.2139

Harmonies

Analogous

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



52.0366, 0.2887, 0.2618



52.0366, 0.3340, 0.2815



52.0366, 0.3759, 0.3121

Triad

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



52.0366, 0.3340, 0.2815



52.0366, 0.3728, 0.4056



52.0366, 0.2326, 0.3000

Complementary

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



52.0366, 0.3340, 0.2815



73.0523, 0.2964, 0.3819

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.



52.0366, 0.2519, 0.3427



52.0366, 0.3340, 0.2815



52.0366, 0.3319, 0.4083

Square

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



52.0366, 0.3340, 0.2815



52.0366, 0.3984, 0.3820



52.0366, 0.2877, 0.3846



52.0366, 0.2330, 0.2698

Rectangle

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



52.0366, 0.3340, 0.2815



52.0366, 0.3946, 0.3357



52.0366, 0.2877, 0.3846



52.0366, 0.2369, 0.3133

Sweetspot

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



52.0389, 0.3340, 0.2815



87.2379, 0.3179, 0.3158



46.4420, 0.2797, 0.2519



18.1915, 0.3189, 0.3133



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.



52.0389, 0.3340, 0.2815



55.8737, 0.3392, 0.2722



50.5565, 0.3624, 0.3157



15.2235, 0.3189, 0.3134



11.2041, 0.4271, 0.2126



0.8975, 0.4086, 0.2025

Inverse Universe

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



52.0389, 0.3340, 0.2815



55.8737, 0.3392, 0.2722



74.6317, 0.2787, 0.3429



15.2235, 0.3189, 0.3134



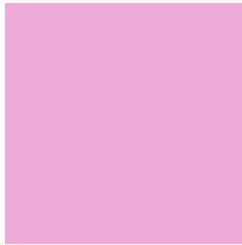
11.2041, 0.4271, 0.2126



0.8975, 0.4086, 0.2025

Previews

White Background



This preview shows how the Yxy color 52.0366, 0.3340, 0.2815 looks on a white background.

Color Contrast Check

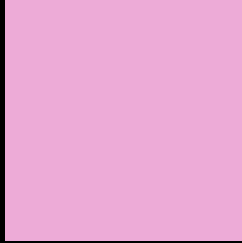
Large Text (above 18pt) WCAG AA × Fail

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 52.0366, 0.3340, 0.2815 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

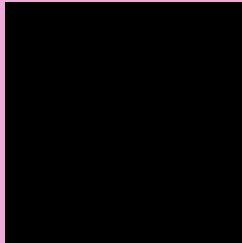
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.0366, 0.3340, 0.2815

Background



This preview shows how black text looks on a background with the Yxy color 52.0366, 0.3340, 0.2815.



This preview shows how white text looks on a background with the Yxy color 52.0366, 0.3340, 0.2815.

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

52.0366, 0.3340, 0.2815

Protanopia

52.5633, 0.2818, 0.2846

Deuteranopia

52.1506, 0.3044, 0.2981



Tritanopia

52.2172, 0.3533, 0.3146

Trichromacy



Original Color

52.0366, 0.3340, 0.2815



Protanomaly

51.8912, 0.2987, 0.2825



Deuteranomaly

51.9980, 0.3144, 0.2921



Tritanomaly

52.0115, 0.3466, 0.3025

Monochromacy



Original Color

52.0366, 0.3340, 0.2815



Achromatopsia

55.2011, 0.3127, 0.3290



Achromatomaly

53.7013, 0.3202, 0.3103

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.0366, 0.3340, 0.2815 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(237, 171, 215)` looks like.

```
.text, #text, p{  
    color:rgb(237, 171, 215)  
}
```

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(237, 171, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 171, 215) }
```

Border

The CSS property to change the border of an element to Yxy 52.0366, 0.3340, 0.2815 is called "border". The border property can be set on classes, ids or directly on the HTML element.

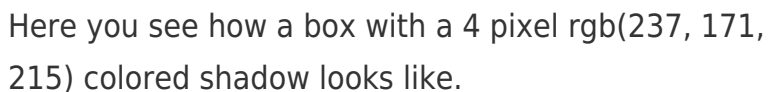
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(237, 171, 215) }
```

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

```
.border{ border-color:rgb(237, 171, 215) }
```

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



Here you see how a box with a 4 pixel `rgb(237, 171, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 171, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 171, 215); box-shadow:4px 4px 4px 4px rgb(237, 171, 215) }
```


Background

The CSS property to change the background color of an element to Yxy 52.0366, 0.3340, 0.2815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 171, 215) }
```

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

```
.background{ background-color: rgb(237,  
171, 215) }
```

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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