

Converting Colors

$Y_{xy}(53.0060, 0.3375, 0.2805)$

Have a look what the booklet for
Yxy(53.0060, 0.3375, 0.2805)
contains.

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Color

Yxy(53.0128, 0.3366, 0.2801)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F2ABD9 |
| RGB | 242, 171, 217 |
| RGB Percent | 95%, 67%, 85% |
| CMY | 0.0510, 0.3294, 0.1489 |
| CMYK | 0.00, 0.29, 0.10, 0.05 |
| HSL | 321°, 73%, 81% |
| HSV | 321°, 29%, 95% |
| XYZ | 63.7062, 53.0128, 72.5448 |
| YIQ | 197.4730, 27.5500, 29.3580 |

Conversions

Conversions Part 2

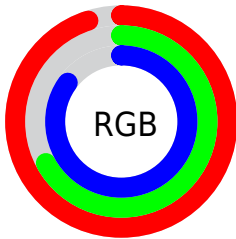
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 242, 171, 217 |
| Decimal | 15903705 |
| CIE Lab | 77.88, 32.91, -12.81 |
| CIE LCh | 78, 35.314, 338.724 |
| Yxy | 53.0128, 0.3366, 0.2801 |
| Android (android.graphics.Color) | 4294093785 (0xFFF2ABD9) |
| YUV | 197.4730, 9.6268, 39.0502 |
| Hunter-Lab | 72.8099, 28.7642, -8.1072 |

Details

The Yxy color **53.0128, 0.3366, 0.2801** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **76.1407, 0.2948, 0.3837**, and the grayscale version is **56.0658, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.4182, 0.3140, 0.3019**, and **25.8798, 0.3427, 0.2687** is the 20% darker color. If you saturate the color by 10%, you get **44.2631, 0.3476, 0.2631**, and if you desaturate by 10%, it is **63.4635, 0.3271, 0.2973**.

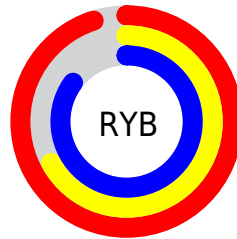
Distribution



Red (95%)

Green (67%)

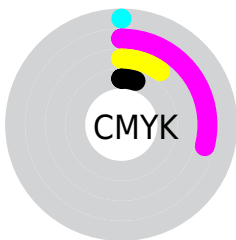
Blue (85%)



Red (95%)

Yellow (67%)

Blue (85%)

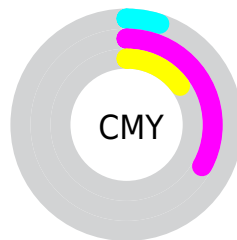


Cyan (0%)

Magenta (29%)

Yellow (10%)

Black (5%)



Cyan (5%)


Magenta (33%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.0128, 0.3366, 0.2801 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 53.0128, 0.3366, 0.2801 by changing the saturation by 10% instead.


 53.0128, 0.3366,
0.2801

 53.0128, 0.3366,
0.2801


398.3342, 0.3254,
0.3030

 37.8130, 0.3392,
0.2748


 94.6232, 0.3327,
0.2881

 25.8376, 0.3424,
0.2682


121.8026, 0.3312,
0.2912

 16.7022, 0.3465,
0.2598


153.7439, 0.3299,
0.2939

 10.0224, 0.3519,
0.2488

190.8317, 0.3287,
0.2962

 5.4138, 0.3594,
0.2337

233.4502, 0.3277,
0.2982

 2.4920, 0.3703,
0.2117

281.9838, 0.3269,

 0.8726, 0.3874,

0.3000

0.1773

336.8171, 0.3261,
0.3016

0.0000, 0.4754,
0.0000

0.0000, 0.0000,
0.0000

53.0128, 0.3366,
0.2801

53.0128, 0.3366,
0.2801

44.2631, 0.3476,
0.2631

63.4635, 0.3271,
0.2973

37.1155, 0.3601,
0.2472

75.6929, 0.3191,
0.3140

31.4719, 0.3741,
0.2332

89.7825, 0.3123,
0.3300

27.2204, 0.3891,
0.2224

97.3646, 0.3070,
0.3328

■ 24.2333, 0.4048,
0.2159

■ 97.6155, 0.3047,
0.3290

■ 22.3590, 0.4205,
0.2144

■ 21.3616, 0.4358,
0.2177

■ 21.3072, 0.4369,
0.2180

Harmonies

Analogous

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



53.0128, 0.2888, 0.2591



53.0128, 0.3366, 0.2801



53.0128, 0.3804, 0.3123

Triad

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



53.0128, 0.3366, 0.2801



53.0128, 0.3745, 0.4101



53.0128, 0.2284, 0.2970

Complementary

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



53.0128, 0.3366, 0.2801



76.1407, 0.2948, 0.3837

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.



53.0128, 0.2478, 0.3418



53.0128, 0.3366, 0.2801



53.0128, 0.3312, 0.4123

Square

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



53.0128, 0.3366, 0.2801



53.0128, 0.4023, 0.3855



53.0128, 0.2849, 0.3865



53.0128, 0.2295, 0.2660

Rectangle

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



53.0128, 0.3366, 0.2801



53.0128, 0.3997, 0.3371



53.0128, 0.2849, 0.3865



53.0128, 0.2327, 0.3108

Sweetspot

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



53.0152, 0.3366, 0.2801



85.7126, 0.3188, 0.3145



47.2539, 0.2793, 0.2476



17.8863, 0.3199, 0.3121



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.



53.0152, 0.3366, 0.2801



53.8032, 0.3427, 0.2703



51.3666, 0.3683, 0.3175



15.9315, 0.3192, 0.3138



11.4743, 0.4344, 0.2167



0.9733, 0.4156, 0.2063

Inverse Universe

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



53.0152, 0.3366, 0.2801



53.8032, 0.3427, 0.2703



77.9459, 0.2757, 0.3411



15.9315, 0.3192, 0.3138



11.4743, 0.4344, 0.2167



0.9733, 0.4156, 0.2063

Previews

White Background



This preview shows how the Yxy color 53.0128, 0.3366, 0.2801 looks on a white background.

Color Contrast Check

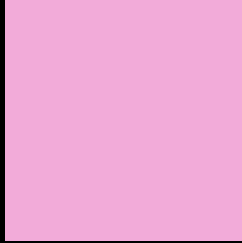
Large Text (above 18pt) WCAG AA × Fail

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 53.0128, 0.3366, 0.2801 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

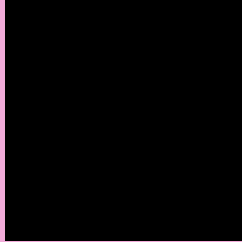
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.0128, 0.3366, 0.2801

Background



This preview shows how black text looks on a background with the Yxy color 53.0128, 0.3366, 0.2801.



This preview shows how white text looks on a background with the Yxy color 53.0128, 0.3366, 0.2801.

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

53.0128, 0.3366, 0.2801

Protanopia

53.2891, 0.2806, 0.2826

Deuteranopia

53.3780, 0.3045, 0.2984



Tritanopia

53.0755, 0.3577, 0.3148

Trichromacy



Original Color

53.0128, 0.3366, 0.2801



Protanomaly

52.8390, 0.2997, 0.2818



Deuteranomaly

53.1139, 0.3161, 0.2915



Tritanomaly

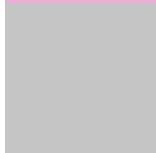
52.9209, 0.3501, 0.3019

Monochromacy



Original Color

53.0128, 0.3366, 0.2801



Achromatopsia

55.8340, 0.3127, 0.3290



Achromatomaly

54.4722, 0.3210, 0.3104

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.0128, 0.3366, 0.2801 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(242, 171, 217)` looks like.

```
.text, #text, p{  
    color:rgb(242, 171, 217)  
}
```

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(242, 171, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 171, 217) }
```

Border

The CSS property to change the border of an element to Yxy 53.0128, 0.3366, 0.2801 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(242, 171, 217) }
```

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

```
.border{ border-color:rgb(242, 171, 217) }
```

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

Here you see how a box with a 4 pixel rgb(242, 171, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 171, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 171, 217);  
box-shadow:4px 4px 4px 4px rgb(242, 171,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 53.0128, 0.3366, 0.2801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 171, 217) }
```

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

```
.background{ background-color: rgb(242,  
171, 217) }
```

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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