

Converting Colors

Yxy(53.8336, 0.3360, 0.2774)

Have a look what the booklet for
Yxy(53.8336, 0.3360, 0.2774)
contains.

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Color

Yxy(53.7588, 0.3358, 0.2766)

Conversions

Conversions Part 1

Format	Color
Hex	F5ABDD
RGB	245, 171, 221
RGB Percent	96%, 67%, 87%
CMY	0.0393, 0.3294, 0.1334
CMYK	0.00, 0.30, 0.10, 0.04
HSL	319°, 79%, 82%
HSV	319°, 30%, 96%
XYZ	65.2647, 53.7588, 75.3323
YIQ	198.8260, 28.0540, 31.2380

Conversions

Conversions Part 2

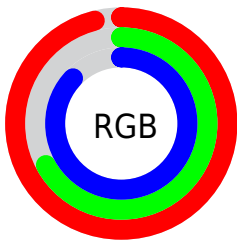
Format	Color
R_{YB}	245, 171, 221
Decimal	16100317
CIE _{Lab}	78.32, 34.56, -14.27
CIE _{LCh}	78, 37.387, 337.565
Yxy	53.7588, 0.3358, 0.2766
Android (android.graphics.Color)	4294290397 (0xFFFF5ABDD)
YUV	198.8260, 10.9318, 40.4946
Hunter-Lab	73.3204, 30.5775, -9.5926

Details

The Yxy color **53.7588, 0.3358, 0.2766** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **77.8968, 0.2954, 0.3880**, and the grayscale version is **56.9217, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.4182, 0.3140, 0.3019**, and **26.4014, 0.3414, 0.2643** is the 20% darker color. If you saturate the color by 10%, you get **44.9333, 0.3461, 0.2591**, and if you desaturate by 10%, it is **64.3243, 0.3269, 0.2944**.

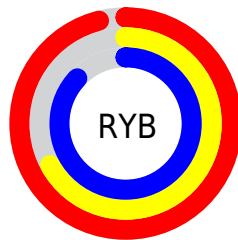
Distribution



Red (96%)

Green (67%)

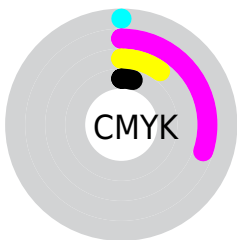
Blue (87%)



Red (96%)

Yellow (67%)

Blue (87%)

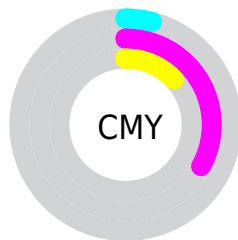


Cyan (0%)

Magenta (30%)

Yellow (10%)

Black (4%)



Cyan (4%)

Magenta (33%)

Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.7588, 0.3358, 0.2766 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 53.7588, 0.3358, 0.2766 by changing the saturation by 10% instead.


 53.7588, 0.3358,
0.2766

 53.7588, 0.3358,
0.2766


401.1896, 0.3251,
0.3010

 38.4089, 0.3383,
0.2710

 95.7200, 0.3321,
0.2851

 26.3002, 0.3413,
0.2641


123.1001, 0.3306,
0.2884

 17.0483, 0.3451,
0.2553


155.2589, 0.3294,
0.2912

 10.2690, 0.3501,
0.2437


192.5810, 0.3283,
0.2937

 5.5776, 0.3570,
0.2281

235.4508, 0.3273,
0.2959

 2.5900, 0.3667,
0.2055

284.2525, 0.3265,

 0.9216, 0.3816,

0.2978

339.3706, 0.3258,
0.2995

0.1708

0.0000, 0.4562,
0.0000

0.0000, 0.0000,
0.0000

53.7588, 0.3358,
0.2766

53.7588, 0.3358,
0.2766

44.9333, 0.3461,
0.2591

64.3243, 0.3269,
0.2944

37.7455, 0.3577,
0.2427

76.7105, 0.3193,
0.3119

32.0932, 0.3705,
0.2284

91.0016, 0.3128,
0.3287

27.8602, 0.3843,
0.2174

98.0078, 0.3078,
0.3311

■ 24.9129, 0.3985,
0.2108

■ 98.1499, 0.3066,
0.3290

■ 23.0927, 0.4127,
0.2092

■ 22.1447, 0.4261,
0.2121

Harmonies

Analogous

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



53.7588, 0.2857, 0.2552



53.7588, 0.3358, 0.2766



53.7588, 0.3826, 0.3098

Triad

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



53.7588, 0.3358, 0.2766



53.7588, 0.3790, 0.4136



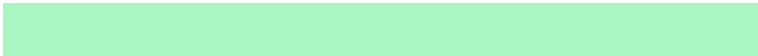
53.7588, 0.2247, 0.2966

Complementary

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



53.7588, 0.3358, 0.2766



77.8968, 0.2954, 0.3880

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.



53.7588, 0.2457, 0.3443



53.7588, 0.3358, 0.2766



53.7588, 0.3338, 0.4176

Square

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



53.7588, 0.3358, 0.2766



53.7588, 0.4076, 0.3867



53.7588, 0.2850, 0.3914



53.7588, 0.2250, 0.2635

Rectangle

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



53.7588, 0.3358, 0.2766



53.7588, 0.4036, 0.3356



53.7588, 0.2850, 0.3914



53.7588, 0.2293, 0.3114

Sweetspot

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



53.7612, 0.3358, 0.2766



85.7510, 0.3185, 0.3139



47.2509, 0.2762, 0.2444



17.8958, 0.3195, 0.3114



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.



53.7612, 0.3358, 0.2766



52.9734, 0.3417, 0.2662



52.0265, 0.3683, 0.3145



16.6715, 0.3188, 0.3131



11.9579, 0.4240, 0.2109



1.0698, 0.4078, 0.2020

Inverse Universe

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



53.7612, 0.3358, 0.2766



52.9734, 0.3417, 0.2662



79.7495, 0.2760, 0.3443



16.6715, 0.3188, 0.3131



11.9579, 0.4240, 0.2109



1.0698, 0.4078, 0.2020

Previews

White Background



This preview shows how the Yxy color 53.7588, 0.3358, 0.2766 looks on a white background.

Color Contrast Check

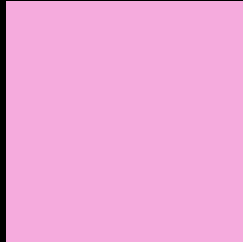
Large Text (above 18pt) WCAG AA × Fail

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 53.7588, 0.3358, 0.2766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

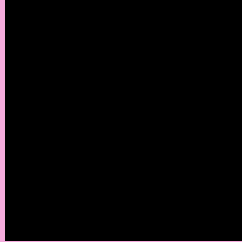
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.7588, 0.3358, 0.2766

Background



This preview shows how black text looks on a background with the Yxy color 53.7588, 0.3358, 0.2766.



This preview shows how white text looks on a background with the Yxy color 53.7588, 0.3358, 0.2766.

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

53.7588, 0.3358, 0.2766

Protanopia

54.0117, 0.2775, 0.2783

Deuteranopia

54.0137, 0.3016, 0.2950



Tritanopia

53.8628, 0.3584, 0.3149

Trichromacy



Original Color

53.7588, 0.3358, 0.2766



Protanomaly

53.2595, 0.2968, 0.2766



Deuteranomaly

53.4758, 0.3139, 0.2873



Tritanomaly

53.7542, 0.3499, 0.3010

Monochromacy



Original Color

53.7588, 0.3358, 0.2766



Achromatopsia

57.1125, 0.3127, 0.3290



Achromatomaly

55.4991, 0.3210, 0.3084

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.7588, 0.3358, 0.2766 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(245, 171, 221)` looks like.

```
.text, #text, p{  
    color:rgb(245, 171, 221)  
}
```

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(245, 171, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 171, 221) }
```

Border

The CSS property to change the border of an element to Yxy 53.7588, 0.3358, 0.2766 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(245, 171, 221) }
```

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

```
.border{ border-color:rgb(245, 171, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 171, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 171, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 171, 221);  
box-shadow:4px 4px 4px 4px rgb(245, 171,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 53.7588, 0.3358, 0.2766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 171, 221) }
```

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

```
.background{ background-color: rgb(245,  
171, 221) }
```

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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