

Converting Colors

$Yxy(53.7726, 0.3417, 0.2846)$

Have a look what the booklet for
Yxy(53.7726, 0.3417, 0.2846)
contains.

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Color

Yxy(53.7726, 0.3417, 0.2846)

Conversions

Conversions Part 1

Format	Color
Hex	F5ACD6
RGB	245, 172, 214
RGB Percent	96%, 67%, 84%
CMY	0.0390, 0.3256, 0.1607
CMYK	0.00, 0.30, 0.13, 0.04
HSL	325°, 79%, 82%
HSV	325°, 30%, 96%
XYZ	64.5611, 53.7726, 70.6072
YIQ	198.6150, 30.0260, 28.5380

Conversions

Conversions Part 2

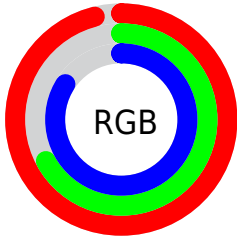
Format	Color
R _Y B	245, 172, 214
Decimal	16100566
CIE Lab	78.33, 32.93, -10.48
CIE LCh	78, 34.558, 342.354
Yxy	53.7726, 0.3417, 0.2846
Android (android.graphics.Color)	4294290646 (0xFFF5ACD6)
YUV	198.6150, 7.5848, 40.6796
Hunter-Lab	73.3298, 28.8281, -5.7578

Details

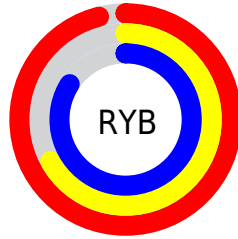
The Yxy color **53.7726, 0.3417, 0.2846** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **78.4162, 0.2916, 0.3782**, and the grayscale version is **56.8077, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.9668, 0.3139, 0.3029**, and **26.3882, 0.3496, 0.2746** is the 20% darker color. If you saturate the color by 10%, you get **44.7781, 0.3551, 0.2694**, and if you desaturate by 10%, it is **64.5256, 0.3303, 0.3000**.

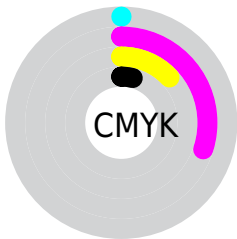
Distribution



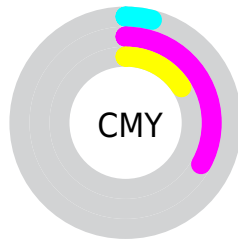
- Red (96%)
- Green (67%)
- Blue (84%)



- Red (96%)
- Yellow (67%)
- Blue (84%)



- Cyan (0%)
- Magenta (30%)
- Yellow (13%)
- Black (4%)



- Cyan (4%)
- Magenta (33%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.7726, 0.3417, 0.2846 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 53.7726, 0.3417, 0.2846 by changing the saturation by 10% instead.


 53.7726, 0.3417,
0.2846

 53.7726, 0.3417,
0.2846


401.2423, 0.3280,
0.3055

 38.4199, 0.3449,
0.2798


 95.7403, 0.3369,
0.2919

 26.3087, 0.3490,
0.2737

123.1240, 0.3350,
0.2947

 17.0548, 0.3541,
0.2661


155.2869, 0.3334,
0.2971

 10.2735, 0.3610,
0.2560

192.6134, 0.3320,
0.2992

 5.5807, 0.3706,
0.2420

235.4877, 0.3308,
0.3011

 2.5918, 0.3849,
0.2216

284.2944, 0.3297,

 0.9226, 0.4083,

0.3027

0.1893

339.4178, 0.3288,
0.3042

0.0000, 0.5419,
0.0000

0.0000, 0.0000,
0.0000

53.7726, 0.3417,
0.2846

53.7726, 0.3417,
0.2846

44.7781, 0.3551,
0.2694

64.5256, 0.3303,
0.3000

37.4395, 0.3707,
0.2551

77.1178, 0.3206,
0.3150

31.6548, 0.3881,
0.2428

91.6336, 0.3126,
0.3293

27.3075, 0.4072,
0.2336

98.1616, 0.3066,
0.3290

■ 24.2646, 0.4273,
0.2288

■ 22.3680, 0.4474,
0.2293

■ 21.3595, 0.4670,
0.2347

■ 21.3442, 0.4673,
0.2348

Harmonies

Analogous

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



53.7726, 0.2948, 0.2625



53.7726, 0.3417, 0.2846



53.7726, 0.3828, 0.3170

Triad

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



53.7726, 0.3417, 0.2846



53.7726, 0.3685, 0.4096



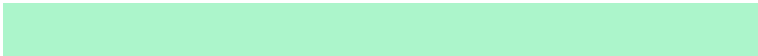
53.7726, 0.2295, 0.2933

Complementary

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



53.7726, 0.3417, 0.2846



78.4162, 0.2916, 0.3782

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.



53.7726, 0.2462, 0.3359



53.7726, 0.3417, 0.2846



53.7726, 0.3252, 0.4084

Square

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



53.7726, 0.3417, 0.2846



53.7726, 0.3979, 0.3879



53.7726, 0.2806, 0.3803



53.7726, 0.2330, 0.2651

Rectangle

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



53.7726, 0.3417, 0.2846



53.7726, 0.3996, 0.3415



53.7726, 0.2806, 0.3803



53.7726, 0.2329, 0.3064

Sweetspot

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



53.7750, 0.3417, 0.2846



85.6095, 0.3199, 0.3161



48.7091, 0.2823, 0.2469



17.8609, 0.3212, 0.3140



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.



53.7750, 0.3417, 0.2846



52.4841, 0.3499, 0.2750



52.1361, 0.3741, 0.3226



16.6424, 0.3203, 0.3155



11.5215, 0.4643, 0.2331



1.0332, 0.4414, 0.2205

Inverse Universe

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



53.7750, 0.3417, 0.2846



52.4841, 0.3499, 0.2750



80.3336, 0.2727, 0.3357



16.6424, 0.3203, 0.3155



11.5215, 0.4643, 0.2331



1.0332, 0.4414, 0.2205

Previews

White Background



This preview shows how the Yxy color 53.7726, 0.3417, 0.2846 looks on a white background.

Color Contrast Check

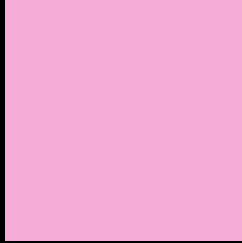
Large Text (above 18pt) WCAG AA × Fail

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 53.7726, 0.3417, 0.2846 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

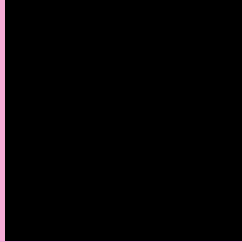
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.7726, 0.3417, 0.2846

Background



This preview shows how black text looks on a background with the Yxy color 53.7726, 0.3417, 0.2846.



This preview shows how white text looks on a background with the Yxy color 53.7726, 0.3417, 0.2846.

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

53.7726, 0.3417, 0.2846

Protanopia

54.2508, 0.2842, 0.2886

Deuteranopia

54.0775, 0.3091, 0.3032



Tritanopia

53.6456, 0.3595, 0.3139

Trichromacy



Original Color

53.7726, 0.3417, 0.2846



Protanomaly

53.3817, 0.3034, 0.2864



Deuteranomaly

53.8361, 0.3209, 0.2962



Tritanomaly

53.8382, 0.3526, 0.3032

Monochromacy



Original Color

53.7726, 0.3417, 0.2846



Achromatopsia

57.1125, 0.3127, 0.3290



Achromatomaly

55.3538, 0.3234, 0.3118

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.7726, 0.3417, 0.2846 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, 172, 214)` looks like.

```
.text, #text, p{  
    color:rgb(245, 172, 214)  
}
```

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, 172, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 172, 214) }
```

Border

The CSS property to change the border of an element to Yxy 53.7726, 0.3417, 0.2846 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, 172, 214) }
```

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

```
.border{ border-color:rgb(245, 172, 214) }
```

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

Here you see how a box with a 4 pixel rgb(245, 172, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 172, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 172, 214);  
box-shadow:4px 4px 4px 4px rgb(245, 172,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 53.7726, 0.3417, 0.2846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 172, 214) }
```

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

```
.background{ background-color: rgb(245,  
172, 214) }
```

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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