

Converting Colors

Yxy(52.9567, 0.3785, 0.3314)

Have a look what the booklet for
Yxy(52.9567, 0.3785, 0.3314)
contains.

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Color

Yxy(53.0896, 0.3778, 0.3314)

Conversions

Conversions Part 1

Format	Color
Hex	F5AFAD
RGB	245, 175, 173
RGB Percent	96%, 69%, 68%
CMY	0.0393, 0.3137, 0.3216
CMYK	0.00, 0.29, 0.29, 0.04
HSL	2°, 78%, 82%
HSV	2°, 29%, 96%
XYZ	60.5228, 53.0896, 46.5856
YIQ	195.7020, 42.3620, 14.2180

Conversions

Conversions Part 2

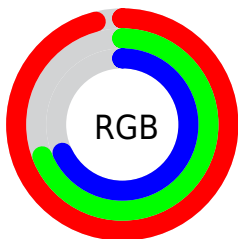
Format	Color
R _Y B	245, 175, 173
Decimal	16101293
CIE Lab	77.93, 25.30, 11.24
CIE LCh	78, 27.683, 23.955
Yxy	53.0896, 0.3778, 0.3314
Android (android.graphics.Color)	4294291373 (0xFFF5AFAD)
YUV	195.7020, -11.1921, 43.2343
Hunter-Lab	72.8626, 20.7601, 13.0961

Details

The Yxy color **53.0896, 0.3778, 0.3314** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.5460, 0.2699, 0.3266**, and the grayscale version is **55.0642, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.0133, 0.3313, 0.3320**, and **25.8643, 0.3951, 0.3307** is the 20% darker color. If you saturate the color by 10%, you get **43.7633, 0.4110, 0.3323**, and if you desaturate by 10%, it is **64.2285, 0.3508, 0.3305**.

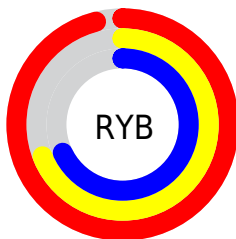
Distribution



Red (96%)

Green (69%)

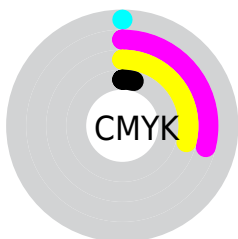
Blue (68%)



Red (96%)

Yellow (69%)

Blue (68%)

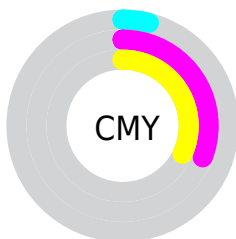


Cyan (0%)

Magenta (29%)

Yellow (29%)

Black (4%)



Cyan (4%)


Magenta (31%)


Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.0896, 0.3778, 0.3314 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 53.0896, 0.3778, 0.3314 by changing the saturation by 10% instead.


 53.0896, 0.3778,
0.3314

 53.0896, 0.3778,
0.3314

398.6288, 0.3457,
0.3310

 37.8743, 0.3857,
0.3313

 94.7362, 0.3662,
0.3314

 25.8851, 0.3957,
0.3310


121.9363, 0.3618,
0.3314

 16.7377, 0.4089,
0.3305


153.9001, 0.3581,
0.3313

 10.0477, 0.4269,
0.3294

191.0120, 0.3549,
0.3312

 5.4306, 0.4529,
0.3271

233.6565, 0.3522,
0.3312

 2.5020, 0.4936,
0.3217

282.2178, 0.3497,

 0.8777, 0.6060,

0.3311

0.3301

337.0805, 0.3476,
0.3310

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.0896, 0.3778,
0.3314

53.0896, 0.3778,
0.3314

43.7633, 0.4110,
0.3323

64.2285, 0.3508,
0.3305

36.1468, 0.4508,
0.3330

77.2608, 0.3291,
0.3297

30.1385, 0.4962,
0.3336

92.2714, 0.3118,
0.3290

25.6231, 0.5439,
0.3337

98.1489, 0.3066,
0.3290

■ 22.4699, 0.5879,
0.3332

■ 20.5258, 0.6207,
0.3321

■ 19.5938, 0.6379,
0.3311

■ 19.5589, 0.6386,
0.3311

Harmonies

Analogous

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



53.0896, 0.3502, 0.3024



53.0896, 0.3778, 0.3314



53.0896, 0.3867, 0.3614

Triad

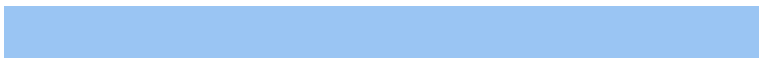
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



53.0896, 0.3778, 0.3314



53.0896, 0.3090, 0.3856



53.0896, 0.2532, 0.2722

Complementary

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



53.0896, 0.3778, 0.3314



79.5460, 0.2699, 0.3266

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.



53.0896, 0.2439, 0.2902



53.0896, 0.3778, 0.3314



53.0896, 0.2748, 0.3571

Square

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



53.0896, 0.3778, 0.3314



53.0896, 0.3456, 0.3956



53.0896, 0.2514, 0.3210



53.0896, 0.2778, 0.2692

Rectangle

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



53.0896, 0.3778, 0.3314



53.0896, 0.3807, 0.3787



53.0896, 0.2514, 0.3210



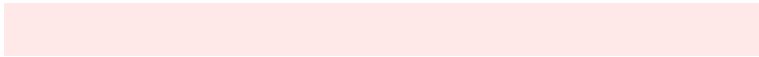
53.0896, 0.2482, 0.2765

Sweetspot

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



53.0921, 0.3778, 0.3314



85.1954, 0.3284, 0.3297



55.8096, 0.3171, 0.2569



17.7589, 0.3313, 0.3298



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.



53.0921, 0.3778, 0.3314



52.1076, 0.3959, 0.3319



68.6096, 0.3670, 0.3687



16.5573, 0.3293, 0.3297



10.5718, 0.6380, 0.3316



0.9550, 0.6329, 0.3356

Inverse Universe

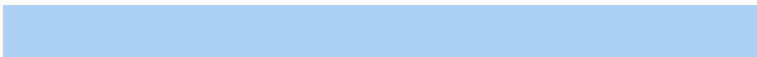
The Inverse Universe completely reimagines the original color for something new.



79.5460, 0.2699, 0.3266



85.2253, 0.2628, 0.3261



60.4807, 0.2654, 0.2856



18.6729, 0.2981, 0.3283



36.5597, 0.2223, 0.3201



3.2381, 0.2226, 0.3213

Previews

White Background



This preview shows how the Yxy color 53.0896, 0.3778, 0.3314 looks on a white background.

Color Contrast Check

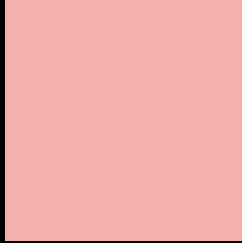
Large Text (above 18pt) WCAG AA × Fail

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 53.0896, 0.3778, 0.3314 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 53.0896, 0.3778, 0.3314

Background



This preview shows how black text looks on a background with the Yxy color 53.0896, 0.3778, 0.3314.



This preview shows how white text looks on a background with the Yxy color 53.0896, 0.3778, 0.3314.

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

53.0896, 0.3778, 0.3314

Protanopia

53.2188, 0.3261, 0.3413

Deuteranopia

53.2737, 0.3542, 0.3467



Tritanopia

53.0251, 0.3673, 0.3151

Trichromacy



Original Color

53.0896, 0.3778, 0.3314

Protanomaly

52.9714, 0.3440, 0.3374

Deuteranomaly

53.0925, 0.3624, 0.3406

Tritanomaly

53.2011, 0.3717, 0.3216

Monochromacy



Original Color

53.0896, 0.3778, 0.3314

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

53.8934, 0.3346, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.0896, 0.3778, 0.3314 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, 175, 173)` looks like.

```
.text, #text, p{  
    color:rgb(245, 175, 173)  
}
```

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, 175, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 175, 173) }
```

Border

The CSS property to change the border of an element to Yxy 53.0896, 0.3778, 0.3314 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, 175, 173) }
```

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

```
.border{ border-color:rgb(245, 175, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 175, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 175, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 175, 173);  
box-shadow:4px 4px 4px 4px rgb(245, 175,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 53.0896, 0.3778, 0.3314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 175, 173) }
```

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

```
.background{ background-color: rgb(245,  
175, 173) }
```

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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