

Converting Colors

Yxy(53.0903, 0.3543, 0.3082)

Have a look what the booklet for
Yxy(53.0903, 0.3543, 0.3082)
contains.

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Color

Yxy(53.0803, 0.3544, 0.3083)

Conversions

Conversions Part 1

Format	Color
Hex	F0AFC2
RGB	240, 175, 194
RGB Percent	94%, 69%, 76%
CMY	0.0586, 0.3138, 0.2392
CMYK	0.00, 0.27, 0.19, 0.06
HSL	342°, 69%, 81%
HSV	342°, 27%, 94%
XYZ	61.0174, 53.0803, 58.0733
YIQ	196.6010, 32.6410, 19.6890

Conversions

Conversions Part 2

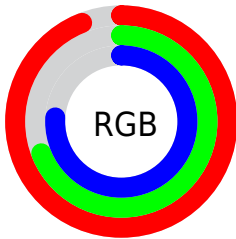
Format	Color
R _Y B	240, 175, 194
Decimal	15773634
CIE Lab	77.92, 26.49, -0.26
CIE LCh	78, 26.492, 359.440
Yxy	53.0803, 0.3544, 0.3083
Android (android.graphics.Color)	4293963714 (0xFFFF0AFC2)
YUV	196.6010, -1.2823, 38.0609
Hunter-Lab	72.8562, 21.9961, 3.7397

Details

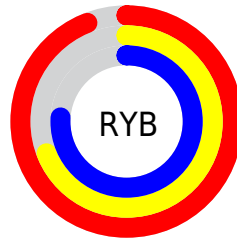
The Yxy color **53.0803, 0.3544, 0.3083** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.6865, 0.2832, 0.3509**, and the grayscale version is **55.5779, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.3140, 0.3170, 0.3106**, and **25.8798, 0.3662, 0.3035** is the 20% darker color. If you saturate the color by 10%, you get **43.8353, 0.3765, 0.3003**, and if you desaturate by 10%, it is **64.0783, 0.3363, 0.3163**.

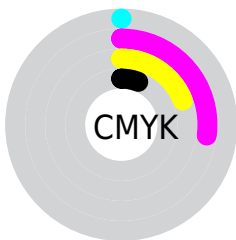
Distribution



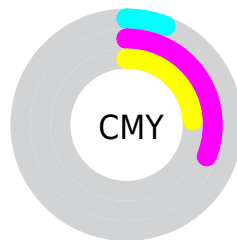
- Red (94%)
- Green (69%)
- Blue (76%)



- Red (94%)
- Yellow (69%)
- Blue (76%)



- Cyan (0%)
- Magenta (27%)
- Yellow (19%)
- Black (6%)




- Cyan (6%)
- Magenta (31%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.0803, 0.3544, 0.3083 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 53.0803, 0.3544, 0.3083 by changing the saturation by 10% instead.


 53.0803, 0.3544,
0.3083

 53.0803, 0.3544,
0.3083

398.5931, 0.3340,
0.3184

 37.8669, 0.3594,
0.3058


 94.7225, 0.3471,
0.3119

 25.8794, 0.3656,
0.3027


121.9201, 0.3443,
0.3133

 16.7334, 0.3739,
0.2987

153.8812, 0.3420,
0.3145

 10.0446, 0.3851,
0.2931


190.9902, 0.3399,
0.3155

 5.4285, 0.4013,
0.2851

233.6315, 0.3382,
0.3164

 2.5008, 0.4268,
0.2725

282.1895, 0.3366,

 0.8771, 0.4722,

0.3171

0.2502

337.0486, 0.3352,
0.3178

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.0803, 0.3544,
0.3083

53.0803, 0.3544,
0.3083

43.8353, 0.3765,
0.3003

64.0783, 0.3363,
0.3163

36.2452, 0.4031,
0.2928

76.9062, 0.3215,
0.3239

30.2130, 0.4342,
0.2866

91.6453, 0.3095,
0.3310

25.6290, 0.4692,
0.2828

97.2750, 0.3036,
0.3290

■ 22.3687, 0.5064,
0.2826

■ 20.2866, 0.5428,
0.2869

■ 19.1952, 0.5747,
0.2957

■ 18.9797, 0.5830,
0.2985

Harmonies

Analogous

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



53.0803, 0.3197, 0.2854



53.0803, 0.3544, 0.3083



53.0803, 0.3780, 0.3368

Triad

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



53.0803, 0.3544, 0.3083



53.0803, 0.3381, 0.3924



53.0803, 0.2471, 0.2877

Complementary

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



53.0803, 0.3544, 0.3083



76.6865, 0.2832, 0.3509

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.



53.0803, 0.2514, 0.3154



53.0803, 0.3544, 0.3083



53.0803, 0.3028, 0.3791

Square

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



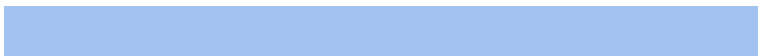
53.0803, 0.3544, 0.3083



53.0803, 0.3678, 0.3862



53.0803, 0.2713, 0.3497



53.0803, 0.2589, 0.2729

Rectangle

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



53.0803, 0.3544, 0.3083



53.0803, 0.3835, 0.3561



53.0803, 0.2713, 0.3497



53.0803, 0.2467, 0.2957

Sweetspot

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



53.0827, 0.3544, 0.3083



86.7728, 0.3227, 0.3232



52.2458, 0.3002, 0.2582



18.0744, 0.3248, 0.3221



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.



53.0827, 0.3544, 0.3083



54.2900, 0.3671, 0.3035



57.5938, 0.3678, 0.3435



15.8349, 0.3247, 0.3221



10.4044, 0.5788, 0.2962



0.8823, 0.5415, 0.2757

Inverse Universe

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



53.0827, 0.3544, 0.3083



54.2900, 0.3671, 0.3035



70.3666, 0.2717, 0.3140



15.8349, 0.3247, 0.3221



10.4044, 0.5788, 0.2962



0.8823, 0.5415, 0.2757

Previews

White Background



This preview shows how the Yxy color 53.0803, 0.3544, 0.3083 looks on a white background.

Color Contrast Check

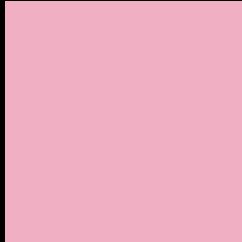
Large Text (above 18pt) WCAG AA × Fail

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 53.0803, 0.3544, 0.3083 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 53.0803, 0.3544, 0.3083

Background



This preview shows how black text looks on a background with the Yxy color 53.0803, 0.3544, 0.3083.



This preview shows how white text looks on a background with the Yxy color 53.0803, 0.3544, 0.3083.

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

53.0803, 0.3544, 0.3083

Protanopia

53.3964, 0.3046, 0.3144

Deuteranopia

53.3435, 0.3298, 0.3231



Tritanopia

53.2501, 0.3586, 0.3149

Trichromacy



Original Color

53.0803, 0.3544, 0.3083

Protanomaly

52.9896, 0.3218, 0.3125

Deuteranomaly

53.2468, 0.3381, 0.3176

Tritanomaly

53.3375, 0.3568, 0.3127

Monochromacy



Original Color

53.0803, 0.3544, 0.3083

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

54.5268, 0.3272, 0.3208

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.0803, 0.3544, 0.3083 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(240, 175, 194)` looks like.

```
.text, #text, p{  
    color:rgb(240, 175, 194)  
}
```

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(240, 175, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 175, 194) }
```

Border

The CSS property to change the border of an element to Yxy 53.0803, 0.3544, 0.3083 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(240, 175, 194) }
```

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

```
.border{ border-color:rgb(240, 175, 194) }
```

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

Here you see how a box with a 4 pixel rgb(240, 175, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 175, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 175, 194);  
box-shadow:4px 4px 4px 4px rgb(240, 175,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 53.0803, 0.3544, 0.3083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 175, 194) }
```

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

```
.background{ background-color: rgb(240,  
175, 194) }
```

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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