

Converting Colors

$Yxy(53.2618, 0.3556, 0.3055)$

Have a look what the booklet for
Yxy(53.2618, 0.3556, 0.3055)
contains.

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Color

Yxy(53.3123, 0.3554, 0.3053)

Conversions

Conversions Part 1

Format	Color
Hex	F3AEC4
RGB	243, 174, 196
RGB Percent	95%, 68%, 77%
CMY	0.0471, 0.3176, 0.2313
CMYK	0.00, 0.28, 0.19, 0.05
HSL	341°, 74%, 82%
HSV	341°, 28%, 95%
XYZ	62.0609, 53.3123, 59.2495
YIQ	197.1390, 34.0620, 21.4700

Conversions

Conversions Part 2

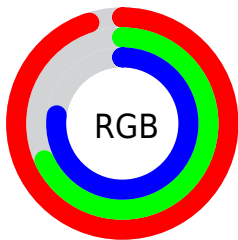
Format	Color
R_{YB}	243, 174, 196
Decimal	15969988
CIE _{Lab}	78.06, 28.35, -1.11
CIE _{LCh}	78, 28.369, 357.755
Yxy	53.3123, 0.3554, 0.3053
Android (android.graphics.Color)	4294160068 (0xFFFF3AEC4)
YUV	197.1390, -0.5615, 40.2201
Hunter-Lab	73.0153, 23.9432, 2.9988

Details

The Yxy color $53.3123, 0.3554, 0.3053$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $78.3166, 0.2829, 0.3542$, and the grayscale version is $55.9128, 0.3127, 0.3290$.

A 20% lighter version of the original color is $84.9455, 0.3151, 0.3067$, and $26.0668, 0.3676, 0.2997$ is the 20% darker color. If you saturate the color by 10%, you get $44.0468, 0.3771, 0.2966$, and if you desaturate by 10%, it is $64.3642, 0.3375, 0.3140$.

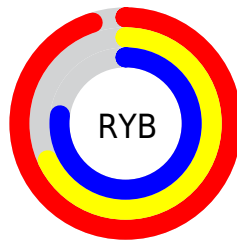
Distribution



Red (95%)

Green (68%)

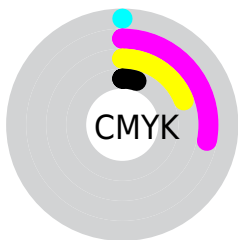
Blue (77%)



Red (95%)

Yellow (68%)

Blue (77%)

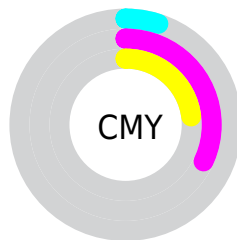


Cyan (0%)

Magenta (28%)

Yellow (19%)

Black (5%)



Cyan (5%)


Magenta (32%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.3123, 0.3554, 0.3053 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 53.3123, 0.3554, 0.3053 by changing the saturation by 10% instead.


 53.3123, 0.3554,
0.3053

 53.3123, 0.3554,
0.3053


399.4821, 0.3346,
0.3168

 38.0521, 0.3604,
0.3025


 95.0638, 0.3479,
0.3094

 26.0232, 0.3668,
0.2990


122.3238, 0.3451,
0.3110

 16.8410, 0.3752,
0.2944


154.3527, 0.3427,
0.3123

 10.1212, 0.3866,
0.2882

191.5347, 0.3406,
0.3135

 5.4794, 0.4030,
0.2793

234.2542, 0.3388,
0.3145

 2.5312, 0.4286,
0.2655

282.8957, 0.3372,

 0.8922, 0.4739,

0.3153

0.2415

337.8436, 0.3358,
0.3161

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.3123, 0.3554,
0.3053

53.3123, 0.3554,
0.3053

44.0468, 0.3771,
0.2966

64.3642, 0.3375,
0.3140

36.4658, 0.4031,
0.2885

77.2822, 0.3229,
0.3224

30.4689, 0.4335,
0.2820

92.1505, 0.3110,
0.3302

25.9415, 0.4674,
0.2780

97.7934, 0.3054,
0.3290

■ 22.7536, 0.5032,
0.2779

■ 20.7518, 0.5382,
0.2826

■ 19.7200, 0.5691,
0.2918

■ 19.5964, 0.5737,
0.2934

Harmonies

Analogous

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



53.3123, 0.3179, 0.2815



53.3123, 0.3554, 0.3053



53.3123, 0.3817, 0.3353

Triad

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



53.3123, 0.3554, 0.3053



53.3123, 0.3418, 0.3971



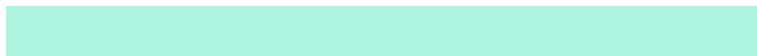
53.3123, 0.2426, 0.2861

Complementary

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



53.3123, 0.3554, 0.3053



78.3166, 0.2829, 0.3542

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.



53.3123, 0.2482, 0.3163



53.3123, 0.3554, 0.3053



53.3123, 0.3041, 0.3842

Square

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



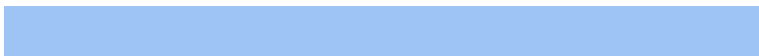
53.3123, 0.3554, 0.3053



53.3123, 0.3729, 0.3891



53.3123, 0.2701, 0.3532



53.3123, 0.2542, 0.2697

Rectangle

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



53.3123, 0.3554, 0.3053



53.3123, 0.3884, 0.3560



53.3123, 0.2701, 0.3532



53.3123, 0.2425, 0.2949

Sweetspot

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



53.3148, 0.3554, 0.3053



85.2553, 0.3237, 0.3219



51.9613, 0.2976, 0.2542



17.7738, 0.3257, 0.3207



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.



53.3148, 0.3554, 0.3053



53.3595, 0.3673, 0.3003



57.0197, 0.3719, 0.3417



16.5696, 0.3243, 0.3215



10.7775, 0.5696, 0.2911



0.9652, 0.5343, 0.2717

Inverse Universe

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



53.3148, 0.3554, 0.3053



53.3595, 0.3673, 0.3003



72.8999, 0.2701, 0.3158



16.5696, 0.3243, 0.3215



10.7775, 0.5696, 0.2911



0.9652, 0.5343, 0.2717

Previews

White Background



This preview shows how the Yxy color 53.3123, 0.3554, 0.3053 looks on a white background.

Color Contrast Check

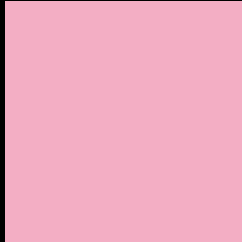
Large Text (above 18pt) WCAG AA × Fail

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 53.3123, 0.3554, 0.3053 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 53.3123, 0.3554, 0.3053

Background



This preview shows how black text looks on a background with the Yxy color 53.3123, 0.3554, 0.3053.



This preview shows how white text looks on a background with the Yxy color 53.3123, 0.3554, 0.3053.

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

53.3123, 0.3554, 0.3053

Protanopia

53.5417, 0.3025, 0.3108

Deuteranopia

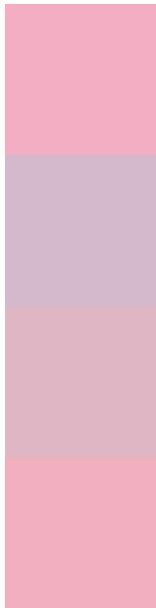
53.4327, 0.3282, 0.3208



Tritanopia

53.2113, 0.3606, 0.3139

Trichromacy



Original Color

53.3123, 0.3554, 0.3053

Protanomaly

52.8586, 0.3204, 0.3079

Deuteranomaly

53.0840, 0.3374, 0.3142

Tritanomaly

53.3430, 0.3579, 0.3106

Monochromacy



Original Color

53.3123, 0.3554, 0.3053

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

54.7226, 0.3272, 0.3197

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.3123, 0.3554, 0.3053 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(243, 174, 196)` looks like.

```
.text, #text, p{  
    color:rgb(243, 174, 196)  
}
```

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(243, 174, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 174, 196) }
```

Border

The CSS property to change the border of an element to Yxy 53.3123, 0.3554, 0.3053 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(243, 174, 196) }
```

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

```
.border{ border-color:rgb(243, 174, 196) }
```

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

Here you see how a box with a 4 pixel rgb(243, 174, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 174, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 174, 196);  
box-shadow:4px 4px 4px 4px rgb(243, 174,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 53.3123, 0.3554, 0.3053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 174, 196) }
```

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

```
.background{ background-color: rgb(243,  
174, 196) }
```

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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