

Converting Colors

Yxy(53.7251, 0.3862, 0.3324)

Have a look what the booklet for
Yxy(53.7251, 0.3862, 0.3324)
contains.

Yxy(53.9078, 0.3862, 0.3324)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(53.9078, 0.3862, 0.3324)

Conversions

Conversions Part 1

Format	Color
Hex	FCAEAB
RGB	252, 174, 171
RGB Percent	99%, 68%, 67%
CMY	0.0118, 0.3176, 0.3294
CMYK	0.00, 0.31, 0.32, 0.01
HSL	2°, 93%, 83%
HSV	2°, 32%, 99%
XYZ	62.6329, 53.9078, 45.6367
YIQ	196.9800, 47.4510, 15.6030

Conversions

Conversions Part 2

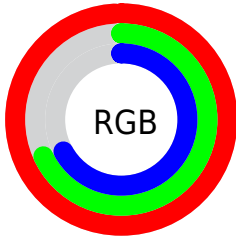
Format	Color
R _Y B	252, 174, 171
Decimal	16559787
CIE Lab	78.41, 28.17, 13.10
CIE LCh	78, 31.068, 24.935
Yxy	53.9078, 0.3862, 0.3324
Android (android.graphics.Color)	4294749867 (0xFFFC AEAB)
YUV	196.9800, -12.8081, 48.2525
Hunter-Lab	73.4219, 23.7819, 14.5426

Details

The Yxy color **53.9078, 0.3862, 0.3324** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **83.4442, 0.2663, 0.3256**, and the grayscale version is **55.8813, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.3446, 0.3327, 0.3330**, and **26.4760, 0.4065, 0.3320** is the 20% darker color. If you saturate the color by 10%, you get **44.4938, 0.4211, 0.3335**, and if you desaturate by 10%, it is **65.2042, 0.3576, 0.3313**.

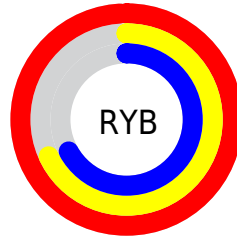
Distribution



Red (99%)

Green (68%)

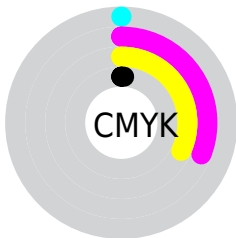
Blue (67%)



Red (99%)

Yellow (68%)

Blue (67%)

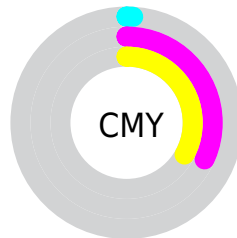


Cyan (0%)

Magenta (31%)

Yellow (32%)

Black (1%)



Cyan (1%)

Magenta (32%)

Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.9078, 0.3862, 0.3324 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 53.9078, 0.3862, 0.3324 by changing the saturation by 10% instead.

 53.9078, 0.3862,
0.3324

 53.9078, 0.3862,
0.3324


401.7583, 0.3500,
0.3317

 38.5280, 0.3950,
0.3323


 95.9389, 0.3732,
0.3324

 26.3927, 0.4063,
0.3320


123.3589, 0.3682,
0.3323

 17.1177, 0.4210,
0.3314


155.5610, 0.3641,
0.3322

 10.3184, 0.4410,
0.3301

192.9298, 0.3605,
0.3321

 5.6106, 0.4697,
0.3273

235.8495, 0.3573,
0.3320

 2.6098, 0.5139,
0.3209

284.7045, 0.3546,

 0.9316, 0.6367,

0.3319

0.3288

339.8794, 0.3521,
0.3318

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.9078, 0.3862,
0.3324

53.9078, 0.3862,
0.3324

44.4938, 0.4211,
0.3335

65.2042, 0.3576,
0.3313

36.8526, 0.4624,
0.3344

78.4691, 0.3346,
0.3302

30.8755, 0.5088,
0.3349

93.7930, 0.3162,
0.3292

26.4387, 0.5560,
0.3348

99.4359, 0.3109,
0.3290

■ 23.4008, 0.5976,
0.3340

■ 21.5950, 0.6264,
0.3324

■ 20.8981, 0.6383,
0.3314

Harmonies

Analogous

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



53.9078, 0.3557, 0.3004



53.9078, 0.3862, 0.3324



53.9078, 0.3953, 0.3656

Triad

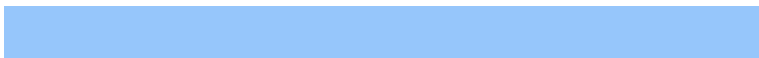
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



53.9078, 0.3862, 0.3324



53.9078, 0.3069, 0.3919



53.9078, 0.2473, 0.2655

Complementary

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



53.9078, 0.3862, 0.3324



83.4442, 0.2663, 0.3256

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.



53.9078, 0.2364, 0.2846



53.9078, 0.3862, 0.3324



53.9078, 0.2692, 0.3591

Square

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



53.9078, 0.3862, 0.3324



53.9078, 0.3478, 0.4037



53.9078, 0.2441, 0.3185



53.9078, 0.2749, 0.2630

Rectangle

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



53.9078, 0.3862, 0.3324



53.9078, 0.3879, 0.3847



53.9078, 0.2441, 0.3185



53.9078, 0.2417, 0.2700

Sweetspot

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



53.9104, 0.3862, 0.3324



83.7854, 0.3303, 0.3300



56.6841, 0.3186, 0.2513



17.4828, 0.3331, 0.3301



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.



53.9104, 0.3862, 0.3324



48.5193, 0.4095, 0.3332



71.8342, 0.3728, 0.3740



17.3279, 0.3293, 0.3299



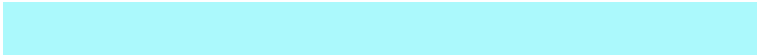
10.9319, 0.6375, 0.3320



1.0476, 0.6311, 0.3371

Inverse Universe

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



83.4442, 0.2663, 0.3256



83.4399, 0.2579, 0.3248



61.1937, 0.2606, 0.2792



19.4920, 0.2980, 0.3281



37.0043, 0.2215, 0.3174



3.4606, 0.2219, 0.3189

Previews

White Background



This preview shows how the Yxy color 53.9078, 0.3862, 0.3324 looks on a white background.

Color Contrast Check

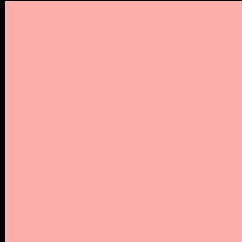
Large Text (above 18pt) WCAG AA × Fail

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 53.9078, 0.3862, 0.3324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

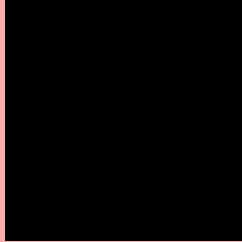
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.9078, 0.3862, 0.3324

Background



This preview shows how black text looks on a background with the Yxy color 53.9078, 0.3862, 0.3324.



This preview shows how white text looks on a background with the Yxy color 53.9078, 0.3862, 0.3324.

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

53.9078, 0.3862, 0.3324

Protanopia

54.3373, 0.3283, 0.3449

Deuteranopia

53.9348, 0.3574, 0.3501



Tritanopia

53.8905, 0.3747, 0.3155

Trichromacy



Original Color

53.9078, 0.3862, 0.3324

Protanomaly

53.9306, 0.3490, 0.3408

Deuteranomaly

53.6818, 0.3677, 0.3427

Tritanomaly

54.0651, 0.3791, 0.3218

Monochromacy



Original Color

53.9078, 0.3862, 0.3324

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

54.7777, 0.3369, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.9078, 0.3862, 0.3324 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(252, 174, 171)` looks like.

```
.text, #text, p{  
    color:rgb(252, 174, 171)  
}
```

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(252, 174, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 174, 171) }
```

Border

The CSS property to change the border of an element to Yxy 53.9078, 0.3862, 0.3324 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(252, 174, 171) }
```

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

```
.border{ border-color:rgb(252, 174, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 174, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 174, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 174, 171);  
box-shadow:4px 4px 4px 4px rgb(252, 174,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 53.9078, 0.3862, 0.3324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 174, 171) }
```

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

```
.background{ background-color: rgb(252,  
174, 171) }
```

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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