

Converting Colors

$Y_{xy}(54.2936, 0.3812, 0.3264)$

Have a look what the booklet for
Yxy(54.2936, 0.3812, 0.3264)
contains.

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Color

Yxy(54.1419, 0.3807, 0.3260)

Conversions

Conversions Part 1

Format	Color
Hex	FCAEB1
RGB	252, 174, 177
RGB Percent	99%, 68%, 69%
CMY	0.0116, 0.3177, 0.3059
CMYK	0.00, 0.31, 0.30, 0.01
HSL	358°, 93%, 84%
HSV	358°, 31%, 99%
XYZ	63.2264, 54.1419, 48.7111
YIQ	197.6640, 45.5250, 17.4690

Conversions

Conversions Part 2

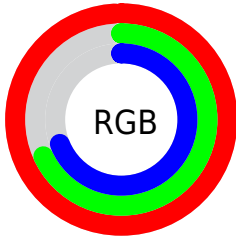
Format	Color
R _{YB}	252, 174, 177
Decimal	16559793
CIE Lab	78.54, 28.95, 10.04
CIE LCh	79, 30.646, 19.133
Yxy	54.1419, 0.3807, 0.3260
Android (android.graphics.Color)	4294749873 (0xFFFC AEB1)
YUV	197.6640, -10.1874, 47.6527
Hunter-Lab	73.5812, 24.6135, 12.2566

Details

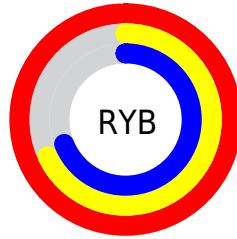
The Yxy color **54.1419, 0.3807, 0.3260** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **85.4830, 0.2696, 0.3322**, and the grayscale version is **56.3015, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.7368, 0.3281, 0.3261**, and **26.6247, 0.3987, 0.3238** is the 20% darker color. If you saturate the color by 10%, you get **44.4216, 0.4142, 0.3251**, and if you desaturate by 10%, it is **65.8659, 0.3535, 0.3270**.

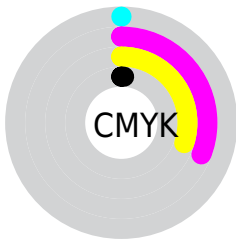
Distribution



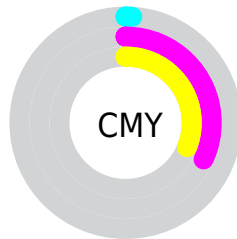
- Red (99%)
- Green (68%)
- Blue (69%)



- Red (99%)
- Yellow (68%)
- Blue (69%)



- Cyan (0%)
- Magenta (31%)
- Yellow (30%)
- Black (1%)





- Cyan (1%)
- Magenta (32%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.1419, 0.3807, 0.3260 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 54.1419, 0.3807, 0.3260 by changing the saturation by 10% instead.


 54.1419, 0.3807,
0.3260

 54.1419, 0.3807,
0.3260


402.6509, 0.3473,
0.3282

 38.7151, 0.3889,
0.3253

 96.2826, 0.3687,
0.3269

 26.5382, 0.3992,
0.3242


123.7652, 0.3641,
0.3272

 17.2267, 0.4128,
0.3227


156.0353, 0.3603,
0.3275

 10.3962, 0.4313,
0.3203

193.4772, 0.3569,
0.3277

 5.6625, 0.4579,
0.3161

236.4753, 0.3540,
0.3279

 2.6409, 0.4991,
0.3081

285.4141, 0.3515,

 0.9473, 0.5934,

0.3280

0.3021

340.6778, 0.3493,
0.3281

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.1419, 0.3807,
0.3260

54.1419, 0.3807,
0.3260

44.4216, 0.4142,
0.3251

65.8659, 0.3535,
0.3270

36.5856, 0.4543,
0.3243

79.6885, 0.3316,
0.3280

30.5142, 0.4999,
0.3240

95.7083, 0.3142,
0.3289

26.0706, 0.5474,
0.3243

99.4424, 0.3109,
0.3290

■ 23.0978, 0.5906,
0.3254

■ 21.4081, 0.6221,
0.3271

■ 20.7237, 0.6373,
0.3285

Harmonies

Analogous

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



54.1419, 0.3476, 0.2954



54.1419, 0.3807, 0.3260



54.1419, 0.3942, 0.3591

Triad

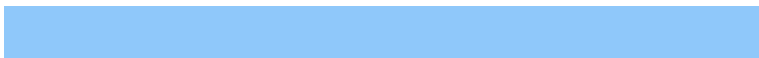
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



54.1419, 0.3807, 0.3260



54.1419, 0.3149, 0.3950



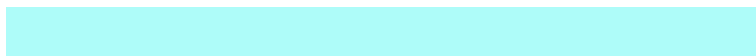
54.1419, 0.2447, 0.2688

Complementary

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



54.1419, 0.3807, 0.3260



85.4830, 0.2696, 0.3322

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.



54.1419, 0.2375, 0.2908



54.1419, 0.3807, 0.3260



54.1419, 0.2764, 0.3660

Square

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



54.1419, 0.3807, 0.3260



54.1419, 0.3545, 0.4020



54.1419, 0.2486, 0.3263



54.1419, 0.2690, 0.2631

Rectangle

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



54.1419, 0.3807, 0.3260



54.1419, 0.3899, 0.3790



54.1419, 0.2486, 0.3263



54.1419, 0.2403, 0.2743

Sweetspot

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



54.1445, 0.3807, 0.3260



84.8808, 0.3279, 0.3282



57.2796, 0.3132, 0.2510



17.6823, 0.3307, 0.3280



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.



54.1445, 0.3807, 0.3260



49.3183, 0.4002, 0.3254



69.4133, 0.3722, 0.3658



17.2360, 0.3288, 0.3281



10.7964, 0.6361, 0.3278



1.0036, 0.6265, 0.3225

Inverse Universe

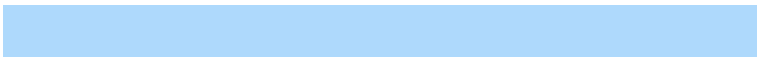
The Inverse Universe completely reimagines the original color for something new.



54.1445, 0.3807, 0.3260



49.3183, 0.4002, 0.3254



65.6102, 0.2634, 0.2889



17.2360, 0.3288, 0.3281



10.7964, 0.6361, 0.3278



1.0036, 0.6265, 0.3225

Previews

White Background



This preview shows how the Yxy color 54.1419, 0.3807, 0.3260 looks on a white background.

Color Contrast Check

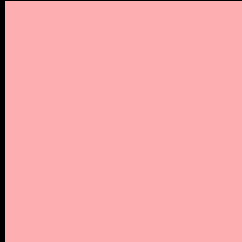
Large Text (above 18pt) WCAG AA × Fail

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 54.1419, 0.3807, 0.3260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

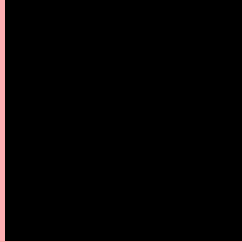
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.1419, 0.3807, 0.3260

Background



This preview shows how black text looks on a background with the Yxy color 54.1419, 0.3807, 0.3260.



This preview shows how white text looks on a background with the Yxy color 54.1419, 0.3807, 0.3260.

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

54.1419, 0.3807, 0.3260

Protanopia

54.4938, 0.3221, 0.3363

Deuteranopia

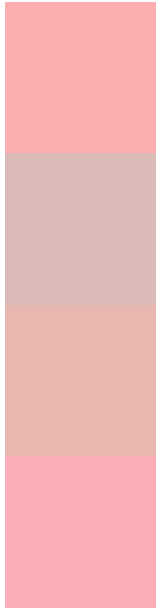
54.3946, 0.3521, 0.3455



Tritanopia

54.3150, 0.3735, 0.3155

Trichromacy



Original Color

54.1419, 0.3807, 0.3260

Protanomaly

54.0614, 0.3423, 0.3326

Deuteranomaly

54.1179, 0.3621, 0.3382

Tritanomaly

54.1887, 0.3763, 0.3186

Monochromacy



Original Color

54.1419, 0.3807, 0.3260

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.0183, 0.3362, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.1419, 0.3807, 0.3260 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, 177)` looks like.

```
.text, #text, p{  
    color:rgb(252, 174, 177)  
}
```

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, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 174, 177) }
```

Border

The CSS property to change the border of an element to Yxy 54.1419, 0.3807, 0.3260 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, 177) }
```

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

```
.border{ border-color:rgb(252, 174, 177) }
```

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, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 174, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 174, 177);  
box-shadow:4px 4px 4px 4px rgb(252, 174,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 54.1419, 0.3807, 0.3260 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, 177) }
```

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

```
.background{ background-color: rgb(252,  
174, 177) }
```

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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