

Converting Colors

$Y_{xy}(79.1898, 0.4597, 0.3324)$

Have a look what the booklet for
Yxy(79.1898, 0.4597, 0.3324)
contains.

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Color

Yxy(56.1568, 0.3847, 0.3334)

Conversions

Conversions Part 1

Format	Color
Hex	FFB2AE
RGB	255, 178, 174
RGB Percent	100%, 70%, 68%
CMY	0.0001, 0.3019, 0.3175
CMYK	0.00, 0.30, 0.32, 0.00
HSL	3°, 100%, 84%
HSV	3°, 32%, 100%
XYZ	64.7976, 56.1568, 47.4823
YIQ	200.5670, 47.1760, 15.0800

Conversions

Conversions Part 2

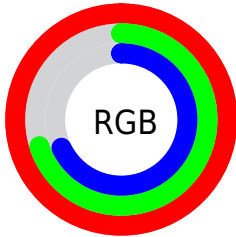
Format	Color
R _Y B	255, 178, 174
Decimal	16757422
CIE Lab	79.70, 27.55, 13.34
CIE LCh	80, 30.605, 25.840
Yxy	56.1568, 0.3847, 0.3334
Android (android.graphics.Color)	4294947502 (0xFFFFB2AE)
YUV	200.5670, -13.0975, 47.7377
Hunter-Lab	74.9378, 23.2050, 14.8890

Details

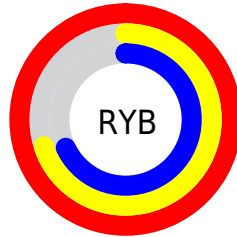
The Yxy color **56.1568, 0.3847, 0.3334** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **85.2140, 0.2666, 0.3245**, and the grayscale version is **58.1898, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.7628, 0.3303, 0.3340**, and **27.9427, 0.4040, 0.3333** is the 20% darker color. If you saturate the color by 10%, you get **46.4466, 0.4191, 0.3348**, and if you desaturate by 10%, it is **67.7659, 0.3565, 0.3319**.

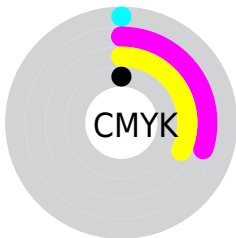
Distribution



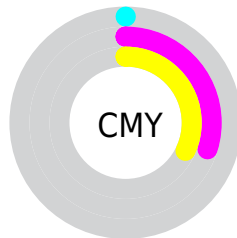
- Red (100%)
- Green (70%)
- Blue (68%)



- Red (100%)
- Yellow (70%)
- Blue (68%)



- Cyan (0%)
- Magenta (30%)
- Yellow (32%)
- Black (0%)




- Cyan (0%)
- Magenta (30%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.1568, 0.3847, 0.3334 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 56.1568, 0.3847, 0.3334 by changing the saturation by 10% instead.


 56.1568, 0.3847,
0.3334

 56.1568, 0.3847,
0.3334


410.2821, 0.3495,
0.3322

 40.3287, 0.3932,
0.3334


 99.2338, 0.3721,
0.3332

 27.7949, 0.4040,
0.3333


127.2514, 0.3673,
0.3330

 18.1711, 0.4181,
0.3330


160.1010, 0.3632,
0.3329

 11.0729, 0.4371,
0.3320

198.1670, 0.3597,
0.3327

 6.1159, 0.4643,
0.3298

241.8337, 0.3566,
0.3326

 2.9157, 0.5056,
0.3246

291.4855, 0.3540,

 1.0879, 0.6031,

0.3324

0.3259

347.5069, 0.3516,
0.3323

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.1568, 0.3847,
0.3334

56.1568, 0.3847,
0.3334

46.4466, 0.4191,
0.3348

67.7659, 0.3565,
0.3319

38.5269, 0.4599,
0.3360

81.3588, 0.3338,
0.3305

32.2905, 0.5057,
0.3367

97.0252, 0.3155,
0.3292

27.6157, 0.5528,
0.3366

99.9966, 0.3127,
0.3290

■ 24.3643, 0.5947,
0.3355

■ 22.3740, 0.6245,
0.3335

■ 21.5331, 0.6377,
0.3319

Harmonies

Analogous

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



56.1568, 0.3556, 0.3020



56.1568, 0.3847, 0.3334



56.1568, 0.3928, 0.3657

Triad

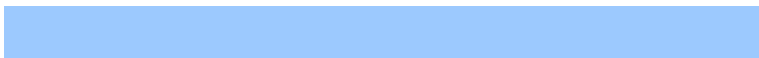
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



56.1568, 0.3847, 0.3334



56.1568, 0.3060, 0.3893



56.1568, 0.2496, 0.2669

Complementary

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



56.1568, 0.3847, 0.3334



85.2140, 0.2666, 0.3245

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.



56.1568, 0.2385, 0.2851



56.1568, 0.3847, 0.3334



56.1568, 0.2695, 0.3571

Square

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



56.1568, 0.3847, 0.3334



56.1568, 0.3458, 0.4015



56.1568, 0.2454, 0.3177



56.1568, 0.2769, 0.2648

Rectangle

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



56.1568, 0.3847, 0.3334



56.1568, 0.3853, 0.3840



56.1568, 0.2454, 0.3177



56.1568, 0.2439, 0.2712

Sweetspot

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



56.1595, 0.3847, 0.3334



83.9599, 0.3303, 0.3303



58.5860, 0.3185, 0.2522



17.5246, 0.3331, 0.3305



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.



56.1595, 0.3847, 0.3334



49.8799, 0.4054, 0.3343



74.0445, 0.3720, 0.3735



18.1303, 0.3293, 0.3302



11.3131, 0.6367, 0.3327



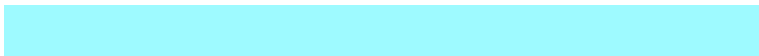
1.1497, 0.6287, 0.3390

Inverse Universe

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



85.2140, 0.2666, 0.3245



83.0141, 0.2589, 0.3236



63.2112, 0.2612, 0.2798



20.3191, 0.2980, 0.3278



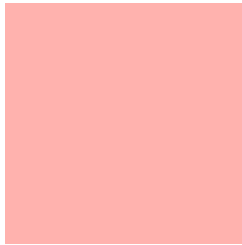
37.1620, 0.2204, 0.3136



3.6636, 0.2210, 0.3154

Previews

White Background



This preview shows how the Yxy color 56.1568, 0.3847, 0.3334 looks on a white background.

Color Contrast Check

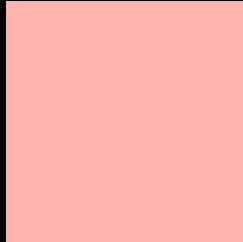
Large Text (above 18pt) WCAG AA × Fail

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 56.1568, 0.3847, 0.3334 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 56.1568, 0.3847, 0.3334

Background



This preview shows how black text looks on a background with the Yxy color 56.1568, 0.3847, 0.3334.



This preview shows how white text looks on a background with the Yxy color 56.1568, 0.3847, 0.3334.

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

56.1568, 0.3847, 0.3334

Protanopia

56.3723, 0.3289, 0.3447

Deuteranopia

56.4089, 0.3574, 0.3509



Tritanopia

55.9848, 0.3717, 0.3156

Trichromacy



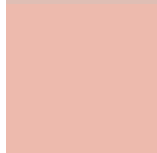
Original Color

56.1568, 0.3847, 0.3334



Protanomaly

55.8102, 0.3484, 0.3406



Deuteranomaly

56.1395, 0.3674, 0.3436



Tritanomaly

56.1650, 0.3760, 0.3218

Monochromacy



Original Color

56.1568, 0.3847, 0.3334



Achromatopsia

58.4078, 0.3127, 0.3290



Achromatomaly

57.2737, 0.3373, 0.3314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.1568, 0.3847, 0.3334 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(255, 178, 174)` looks like.

```
.text, #text, p{  
    color:rgb(255, 178, 174)  
}
```

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(255, 178, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 178, 174) }
```

Border

The CSS property to change the border of an element to Yxy 56.1568, 0.3847, 0.3334 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(255, 178, 174) }
```

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

```
.border{ border-color:rgb(255, 178, 174) }
```

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

Here you see how a box with a 4 pixel rgb(255, 178, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 178, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 178, 174);  
box-shadow:4px 4px 4px 4px rgb(255, 178,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 56.1568, 0.3847, 0.3334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 178, 174) }
```

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

```
.background{ background-color: rgb(255,  
178, 174) }
```

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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