

Converting Colors

Yxy(54.1665, 0.3845, 0.3403)

Have a look what the booklet for
Yxy(54.1665, 0.3845, 0.3403)
contains.

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Color

Yxy(54.0085, 0.3844, 0.3400)

Conversions

Conversions Part 1

Format	Color
Hex	F7B1A7
RGB	247, 177, 167
RGB Percent	97%, 69%, 65%
CMY	0.0313, 0.3059, 0.3450
CMYK	0.00, 0.28, 0.32, 0.03
HSL	7°, 83%, 81%
HSV	7°, 32%, 97%
XYZ	61.0614, 54.0085, 43.7787
YIQ	196.7900, 44.9300, 11.7300

Conversions

Conversions Part 2

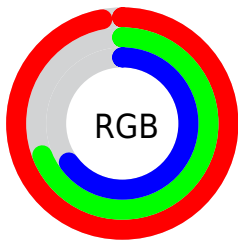
Format	Color
R _Y B	247, 178, 167
Decimal	16232871
CIE Lab	78.47, 24.25, 15.26
CIE LCh	78, 28.650, 32.181
Yxy	54.0085, 0.3844, 0.3400
Android (android.graphics.Color)	4294422951 (0xFFFF7B1A7)
YUV	196.7900, -14.6865, 44.0342
Hunter-Lab	73.4905, 19.7028, 16.1240

Details

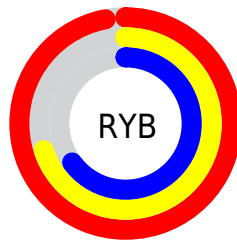
The Yxy color **54.0085, 0.3844, 0.3400** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.5318, 0.2650, 0.3176**, and the grayscale version is **55.7743, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.8118, 0.3350, 0.3400**, and **26.4719, 0.4040, 0.3418** is the 20% darker color. If you saturate the color by 10%, you get **45.3070, 0.4173, 0.3434**, and if you desaturate by 10%, it is **64.2431, 0.3571, 0.3364**.

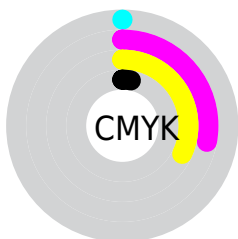
Distribution



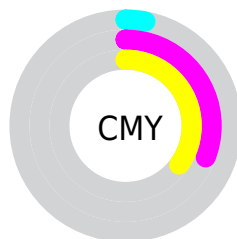
- Red (97%)
- Green (69%)
- Blue (65%)



- Red (97%)
- Yellow (70%)
- Blue (65%)



- Cyan (0%)
- Magenta (28%)
- Yellow (32%)
- Black (3%)




- Cyan (3%)
- Magenta (31%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.0085, 0.3844, 0.3400 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 54.0085, 0.3844, 0.3400 by changing the saturation by 10% instead.


 54.0085, 0.3844,
0.3400


 54.0085, 0.3844,
0.3400


402.1424, 0.3491,
0.3356

 38.6085, 0.3930,
0.3408


 96.0867, 0.3717,
0.3386

 26.4553, 0.4040,
0.3416


 123.5337, 0.3669,
0.3381

 17.1645, 0.4183,
0.3424


155.7651, 0.3628,
0.3376

 10.3519, 0.4377,
0.3429

193.1653, 0.3593,
0.3371

 5.6329, 0.4656,
0.3427

236.1188, 0.3562,
0.3367

 2.6232, 0.5083,
0.3398

285.0099, 0.3536,

 0.9383, 0.6388,

0.3363

0.3612

340.2229, 0.3512,
0.3359

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.0085, 0.3844,
0.3400

54.0085, 0.3844,
0.3400

45.3070, 0.4173,
0.3434

64.2431, 0.3571,
0.3364

38.0573, 0.4559,
0.3463

76.0716, 0.3347,
0.3330

32.1823, 0.4992,
0.3481

89.5609, 0.3165,
0.3297

27.5947, 0.5439,
0.3481

98.5172, 0.3078,
0.3290

■ 24.1969, 0.5849,
0.3458

■ 21.8771, 0.6160,
0.3411

■ 20.7459, 0.6312,
0.3371

Harmonies

Analogous

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



54.0085, 0.3605, 0.3094



54.0085, 0.3844, 0.3400



54.0085, 0.3874, 0.3700

Triad

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



54.0085, 0.3844, 0.3400



54.0085, 0.2985, 0.3808



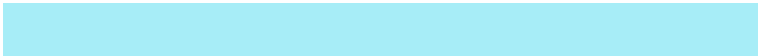
54.0085, 0.2570, 0.2682

Complementary

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



54.0085, 0.3844, 0.3400



75.5318, 0.2650, 0.3176

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.



54.0085, 0.2429, 0.2825



54.0085, 0.3844, 0.3400



54.0085, 0.2657, 0.3479

Square

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



54.0085, 0.3844, 0.3400



54.0085, 0.3365, 0.3970



54.0085, 0.2459, 0.3110



54.0085, 0.2859, 0.2694

Rectangle

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



54.0085, 0.3844, 0.3400



54.0085, 0.3775, 0.3859



54.0085, 0.2459, 0.3110



54.0085, 0.2505, 0.2713

Sweetspot

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



54.0111, 0.3844, 0.3400



85.0406, 0.3301, 0.3322



53.5796, 0.3240, 0.2569



17.7835, 0.3328, 0.3327



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.



54.0111, 0.3844, 0.3400



51.6293, 0.4058, 0.3423



71.8619, 0.3711, 0.3810



16.8151, 0.3291, 0.3320



11.0786, 0.6293, 0.3385



1.0778, 0.6106, 0.3534

Inverse Universe

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



75.5318, 0.2650, 0.3176



78.1093, 0.2564, 0.3149



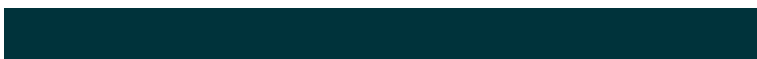
55.1819, 0.2592, 0.2706



18.3847, 0.2981, 0.3260



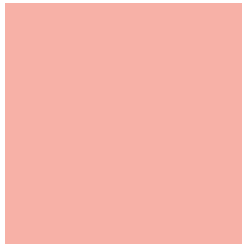
29.7291, 0.2137, 0.2892



2.7097, 0.2152, 0.2946

Previews

White Background



This preview shows how the Yxy color 54.0085, 0.3844, 0.3400 looks on a white background.

Color Contrast Check

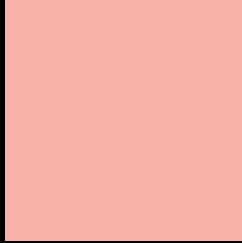
Large Text (above 18pt) WCAG AA × Fail

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 54.0085, 0.3844, 0.3400 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 54.0085, 0.3844, 0.3400

Background



This preview shows how black text looks on a background with the Yxy color 54.0085, 0.3844, 0.3400.



This preview shows how white text looks on a background with the Yxy color 54.0085, 0.3844, 0.3400.

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

54.0085, 0.3844, 0.3400

Protanopia

54.2747, 0.3330, 0.3511

Deuteranopia

54.1046, 0.3626, 0.3547



Tritanopia

53.9997, 0.3688, 0.3153

Trichromacy



Original Color

54.0085, 0.3844, 0.3400

Protanomaly

53.8890, 0.3503, 0.3468

Deuteranomaly

53.7760, 0.3700, 0.3485

Tritanomaly

53.9117, 0.3741, 0.3238

Monochromacy



Original Color

54.0085, 0.3844, 0.3400

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

54.8192, 0.3367, 0.3338

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.0085, 0.3844, 0.3400 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(247, 177, 167)` looks like.

```
.text, #text, p{  
    color:rgb(247, 177, 167)  
}
```

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(247, 177, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 177, 167) }
```

Border

The CSS property to change the border of an element to Yxy 54.0085, 0.3844, 0.3400 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(247, 177, 167) }
```

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

```
.border{ border-color:rgb(247, 177, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 177, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 177, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 177, 167);  
box-shadow:4px 4px 4px 4px rgb(247, 177,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 54.0085, 0.3844, 0.3400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 177, 167) }
```

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

```
.background{ background-color: rgb(247,  
177, 167) }
```

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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