

Converting Colors

Yxy(54.5293, 0.3808, 0.3437)

Have a look what the booklet for
Yxy(54.5293, 0.3808, 0.3437)
contains.

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Color

Yxy(54.6656, 0.3807, 0.3434)

Conversions

Conversions Part 1

Format	Color
Hex	F4B4A7
RGB	244, 180, 167
RGB Percent	96%, 71%, 65%
CMY	0.0432, 0.2941, 0.3451
CMYK	0.00, 0.26, 0.32, 0.04
HSL	10°, 78%, 81%
HSV	10°, 32%, 96%
XYZ	60.6034, 54.6656, 43.9203
YIQ	197.6540, 42.3170, 9.5250

Conversions

Conversions Part 2

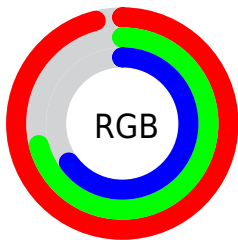
Format	Color
R _Y B	244, 183, 167
Decimal	16037031
CIE Lab	78.85, 21.52, 15.76
CIE LCh	79, 26.674, 36.209
Yxy	54.6656, 0.3807, 0.3434
Android (android.graphics.Color)	4294227111 (0xFFFF4B4A7)
YUV	197.6540, -15.1124, 40.6454
Hunter-Lab	73.9362, 16.9230, 16.5353

Details

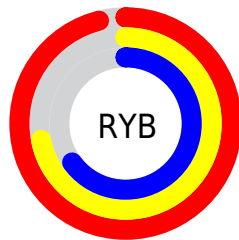
The Yxy color **54.6656, 0.3807, 0.3434** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.8963, 0.2657, 0.3140**, and the grayscale version is **56.3268, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.5248, 0.3346, 0.3429**, and **26.8557, 0.3988, 0.3462** is the 20% darker color. If you saturate the color by 10%, you get **46.2510, 0.4121, 0.3481**, and if you desaturate by 10%, it is **64.4535, 0.3545, 0.3386**.

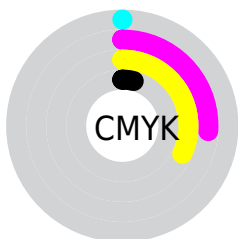
Distribution



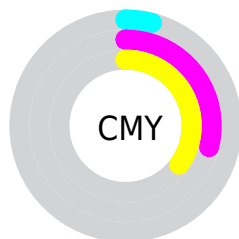
- Red (96%)
- Green (71%)
- Blue (65%)



- Red (96%)
- Yellow (72%)
- Blue (65%)



- Cyan (0%)
- Magenta (26%)
- Yellow (32%)
- Black (4%)




- Cyan (4%)
- Magenta (29%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.6656, 0.3807, 0.3434 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 54.6656, 0.3807, 0.3434 by changing the saturation by 10% instead.

 54.6656, 0.3807,
0.3434


 54.6656, 0.3807,
0.3434


404.6431, 0.3473,
0.3373

 39.1341, 0.3888,
0.3446


 97.0508, 0.3687,
0.3414

 26.8640, 0.3991,
0.3460


 124.6733, 0.3642,
0.3406

 17.4711, 0.4126,
0.3475


157.0949, 0.3603,
0.3399

 10.5710, 0.4309,
0.3491

194.7000, 0.3570,
0.3393

 5.7791, 0.4571,
0.3504

237.8729, 0.3541,
0.3387

 2.7112, 0.4971,
0.3499

286.9982, 0.3515,

 0.9829, 0.6221,

0.3382

0.3779

342.4601, 0.3493,
0.3377

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.6656, 0.3807,
0.3434

54.6656, 0.3807,
0.3434

46.2510, 0.4121,
0.3481

64.4535, 0.3545,
0.3386

39.1407, 0.4488,
0.3521

75.6645, 0.3329,
0.3340

33.2709, 0.4900,
0.3549

88.3553, 0.3152,
0.3296

28.5697, 0.5331,
0.3555

97.9719, 0.3060,
0.3290

■ 24.9576, 0.5738,
0.3532

■ 22.3444, 0.6064,
0.3477

■ 20.8317, 0.6252,
0.3418

Harmonies

Analogous

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



54.6656, 0.3609, 0.3145



54.6656, 0.3807, 0.3434



54.6656, 0.3808, 0.3707

Triad

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



54.6656, 0.3807, 0.3434



54.6656, 0.2951, 0.3734



54.6656, 0.2638, 0.2718

Complementary

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



54.6656, 0.3807, 0.3434



71.8963, 0.2657, 0.3140

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.



54.6656, 0.2485, 0.2833



54.6656, 0.3807, 0.3434



54.6656, 0.2658, 0.3419

Square

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



54.6656, 0.3807, 0.3434



54.6656, 0.3303, 0.3910



54.6656, 0.2492, 0.3084



54.6656, 0.2923, 0.2745

Rectangle

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



54.6656, 0.3807, 0.3434



54.6656, 0.3701, 0.3843



54.6656, 0.2492, 0.3084



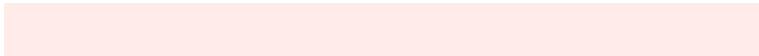
54.6656, 0.2571, 0.2740

Sweetspot

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



54.6682, 0.3807, 0.3434



87.0369, 0.3281, 0.3329



52.6514, 0.3268, 0.2624



18.2082, 0.3308, 0.3335



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.



54.6682, 0.3807, 0.3434



54.1831, 0.4006, 0.3465



72.3375, 0.3681, 0.3835



16.9346, 0.3289, 0.3331



11.4606, 0.6230, 0.3435



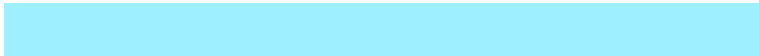
1.1341, 0.6013, 0.3607

Inverse Universe

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



71.8963, 0.2657, 0.3140



76.0204, 0.2569, 0.3104



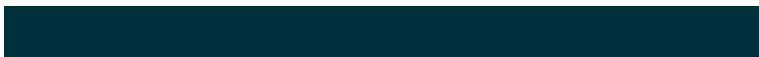
52.7422, 0.2601, 0.2676



18.2536, 0.2980, 0.3249



26.9003, 0.2095, 0.2742



2.4876, 0.2116, 0.2818

Previews

White Background



This preview shows how the Yxy color 54.6656, 0.3807, 0.3434 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 54.6656, 0.3807, 0.3434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

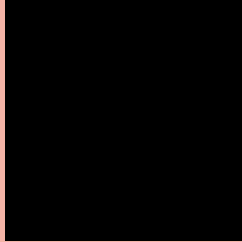
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.6656, 0.3807, 0.3434

Background



This preview shows how black text looks on a background with the Yxy color 54.6656, 0.3807, 0.3434.

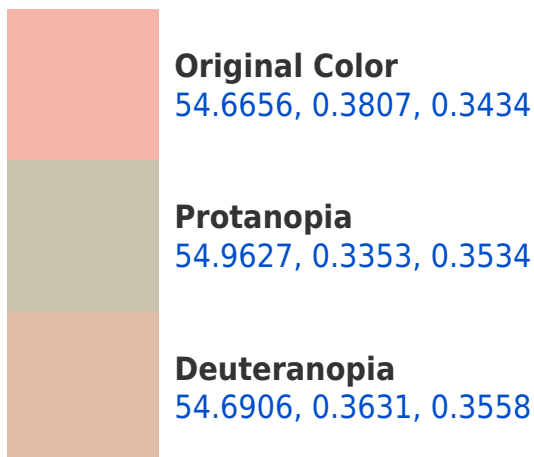


This preview shows how white text looks on a background with the Yxy color 54.6656, 0.3807, 0.3434.

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





Tritanopia

54.7548, 0.3627, 0.3152

Trichromacy



Original Color

54.6656, 0.3807, 0.3434

Protanomaly

54.8655, 0.3516, 0.3502

Deuteranomaly

54.6069, 0.3694, 0.3507

Tritanomaly

54.6307, 0.3688, 0.3248

Monochromacy



Original Color

54.6656, 0.3807, 0.3434

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.2965, 0.3357, 0.3338

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.6656, 0.3807, 0.3434 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(244, 180, 167)` looks like.

```
.text, #text, p{  
    color:rgb(244, 180, 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(244, 180, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 180, 167) }
```

Border

The CSS property to change the border of an element to Yxy 54.6656, 0.3807, 0.3434 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(244, 180, 167) }
```

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

```
.border{ border-color:rgb(244, 180, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 180, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 180, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 180, 167);  
box-shadow:4px 4px 4px 4px rgb(244, 180,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 54.6656, 0.3807, 0.3434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 180, 167) }
```

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

```
.background{ background-color: rgb(244,  
180, 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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