

Converting Colors

Yxy(54.9127, 0.4002, 0.3694)

Have a look what the booklet for
Yxy(54.9127, 0.4002, 0.3694)
contains.

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Color

Yxy(54.9127, 0.4002, 0.3694)

Conversions

Conversions Part 1

Format	Color
Hex	F5B691
RGB	245, 182, 145
RGB Percent	96%, 71%, 57%
CMY	0.0393, 0.2862, 0.4314
CMYK	0.00, 0.26, 0.41, 0.04
HSL	22°, 83%, 76%
HSV	22°, 41%, 96%
XYZ	59.4912, 54.9127, 34.2498
YIQ	196.6190, 49.4250, 1.8490

Conversions

Conversions Part 2

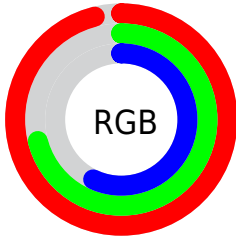
Format	Color
R _Y B	245, 204, 145
Decimal	16103057
CIE Lab	78.99, 18.26, 27.76
CIE LCh	79, 33.226, 56.666
Yxy	54.9127, 0.4002, 0.3694
Android (android.graphics.Color)	4294293137 (0xFFFF5B691)
YUV	196.6190, -25.4482, 42.4301
Hunter-Lab	74.1031, 13.6224, 24.4688

Details

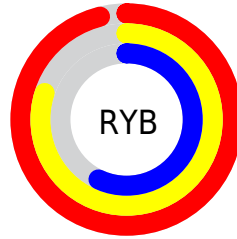
The Yxy color **54.9127, 0.4002, 0.3694** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **57.7088, 0.2495, 0.2839**, and the grayscale version is **55.7281, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.5326, 0.3494, 0.3681**, and **27.0735, 0.4238, 0.3778** is the 20% darker color. If you saturate the color by 10%, you get **48.2632, 0.4301, 0.3787**, and if you desaturate by 10%, it is **62.4268, 0.3737, 0.3593**.

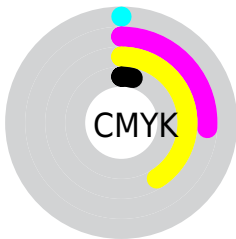
Distribution



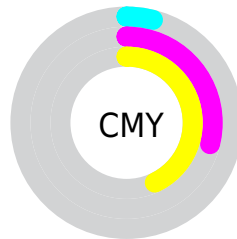
- Red (96%)
- Green (71%)
- Blue (57%)



- Red (96%)
- Yellow (80%)
- Blue (57%)



- Cyan (0%)
- Magenta (26%)
- Yellow (41%)
- Black (4%)





- Cyan (4%)
- Magenta (29%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.9127, 0.4002, 0.3694 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 54.9127, 0.4002, 0.3694 by changing the saturation by 10% instead.


 54.9127, 0.4002,
0.3694


 54.9127, 0.4002,
0.3694


405.5809, 0.3575,
0.3514

 39.3318, 0.4104,
0.3732


 97.4130, 0.3850,
0.3634

 27.0180, 0.4232,
0.3776


 125.1013, 0.3792,
0.3610

 17.5867, 0.4397,
0.3828

157.5941, 0.3742,
0.3589

 10.6537, 0.4616,
0.3887

195.2760, 0.3699,
0.3570

 5.8345, 0.4915,
0.3947

238.5311, 0.3662,
0.3554

 2.7447, 0.5430,
0.4055

287.7441, 0.3629,

 0.9999, 0.6032,

0.3539

0.3968

343.2992, 0.3600,
0.3526

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.9127, 0.4002,
0.3694

54.9127, 0.4002,
0.3694

48.2632, 0.4301,
0.3787

62.4268, 0.3737,
0.3593

42.4373, 0.4629,
0.3863

70.8286, 0.3506,
0.3490

37.4022, 0.4969,
0.3907

80.1503, 0.3308,
0.3391

33.1193, 0.5300,
0.3908

90.4197, 0.3140,
0.3297

■ 29.5457, 0.5592,
0.3856

■ 98.1501, 0.3066,
0.3290

■ 26.8398, 0.5809,
0.3769

Harmonies

Analogous

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



54.9127, 0.3921, 0.3344



54.9127, 0.4002, 0.3694



54.9127, 0.3831, 0.3974

Triad

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



54.9127, 0.4002, 0.3694



54.9127, 0.2646, 0.3586



54.9127, 0.2746, 0.2595

Complementary

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



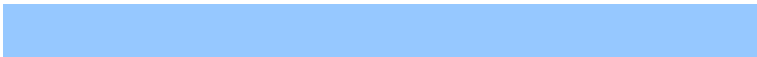
54.9127, 0.4002, 0.3694



57.7088, 0.2495, 0.2839

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.



54.9127, 0.2446, 0.2611



54.9127, 0.4002, 0.3694



54.9127, 0.2390, 0.3152

Square

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



54.9127, 0.4002, 0.3694



54.9127, 0.3039, 0.3947



54.9127, 0.2322, 0.2801



54.9127, 0.3168, 0.2738

Rectangle

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



54.9127, 0.4002, 0.3694



54.9127, 0.3607, 0.4073



54.9127, 0.2322, 0.2801



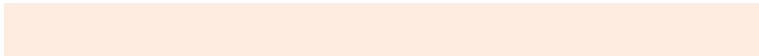
54.9127, 0.2629, 0.2582

Sweetspot

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



54.9153, 0.4002, 0.3694



86.4979, 0.3331, 0.3403



44.2299, 0.3509, 0.2621



18.2190, 0.3355, 0.3416



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.



54.9153, 0.4002, 0.3694



54.0438, 0.4248, 0.3772



78.9733, 0.3789, 0.4184



17.4873, 0.3284, 0.3378



14.7033, 0.5780, 0.3793



1.4820, 0.5544, 0.3980

Inverse Universe

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



57.7088, 0.2495, 0.2839



57.4453, 0.2375, 0.2729



37.1773, 0.2392, 0.2199



17.6663, 0.2980, 0.3200



16.3297, 0.1897, 0.2029



1.6314, 0.1946, 0.2204

Previews

White Background



This preview shows how the Yxy color 54.9127, 0.4002, 0.3694 looks on a white background.

Color Contrast Check

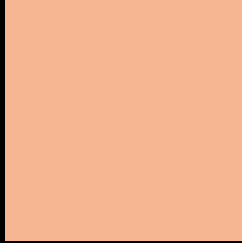
Large Text (above 18pt) WCAG AA × Fail

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 54.9127, 0.4002, 0.3694 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

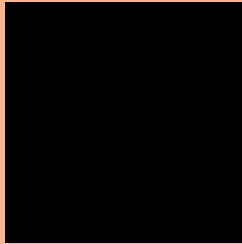
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.9127, 0.4002, 0.3694

Background



This preview shows how black text looks on a background with the Yxy color 54.9127, 0.4002, 0.3694.



This preview shows how white text looks on a background with the Yxy color 54.9127, 0.4002, 0.3694.

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

54.9127, 0.4002, 0.3694

Protanopia

55.2695, 0.3582, 0.3835

Deuteranopia

55.1359, 0.3869, 0.3790



Tritanopia

54.8645, 0.3665, 0.3153

Trichromacy



Original Color

54.9127, 0.4002, 0.3694

Protanomaly

54.9611, 0.3728, 0.3782

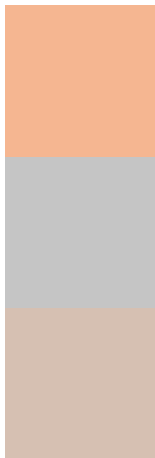
Deuteranomaly

55.1360, 0.3922, 0.3760

Tritanomaly

54.8144, 0.3795, 0.3346

Monochromacy



Original Color

54.9127, 0.4002, 0.3694

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.2098, 0.3419, 0.3457

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.9127, 0.4002, 0.3694 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(245, 182, 145)` looks like.

```
.text, #text, p{  
    color:rgb(245, 182, 145)  
}
```

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(245, 182, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 182, 145) }
```

Border

The CSS property to change the border of an element to Yxy 54.9127, 0.4002, 0.3694 is called "border". The border property can be set on classes, ids or directly on the HTML element.

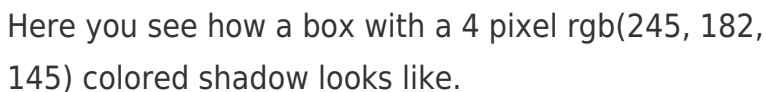
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(245, 182, 145) }
```

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

```
.border{ border-color:rgb(245, 182, 145) }
```

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



Here you see how a box with a 4 pixel `rgb(245, 182, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(245, 182, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(245, 182, 145); box-shadow:4px 4px 4px 4px rgb(245, 182, 145) }
```


Background

The CSS property to change the background color of an element to Yxy 54.9127, 0.4002, 0.3694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 182, 145) }
```

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

```
.background{ background-color: rgb(245,  
182, 145) }
```

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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