

# Converting Colors

Yxy(54.5242, 0.3993, 0.3708)

Have a look what the booklet for  
Yxy(54.5242, 0.3993, 0.3708)  
contains.

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# Color

**Yxy(54.5242, 0.3993, 0.3708)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F3B690
RGB	243, 182, 144
RGB Percent	95%, 71%, 56%
CMY	0.0472, 0.2862, 0.4354
CMYK	0.00, 0.25, 0.41, 0.05
HSL	23°, 80%, 76%
HSV	23°, 41%, 95%
XYZ	58.7150, 54.5242, 33.8056
YIQ	195.9070, 48.5540, 1.1140

# Conversions

## Conversions Part 2

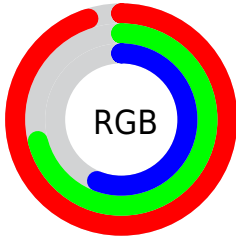
Format	Color
R <sub>Y</sub> B	243, 206, 144
Decimal	15971984
CIE Lab	78.77, 17.36, 27.96
CIE LCh	79, 32.912, 58.170
Yxy	54.5242, 0.3993, 0.3708
Android (android.graphics.Color)	4294162064 (0xFFFF3B690)
YUV	195.9070, -25.5902, 41.3006
Hunter-Lab	73.8405, 12.7151, 24.5443

# Details

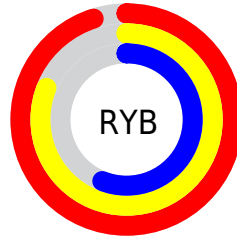
The Yxy color **54.5242, 0.3993, 0.3708** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **56.0240, 0.2493, 0.2823**, and the grayscale version is **55.2775, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.4863, 0.3500, 0.3691**, and **26.8051, 0.4226, 0.3797** is the 20% darker color. If you saturate the color by 10%, you get **48.0577, 0.4288, 0.3805**, and if you desaturate by 10%, it is **61.8104, 0.3731, 0.3603**.

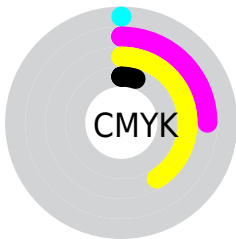
# Distribution



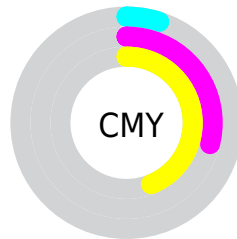
- Red (95%)
- Green (71%)
- Blue (56%)



- Red (95%)
- Yellow (81%)
- Blue (56%)



- Cyan (0%)
- Magenta (25%)
- Yellow (41%)
- Black (5%)



- Cyan (5%)
- Magenta (29%)
- Yellow (44%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 54.5242, 0.3993, 0.3708 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 54.5242, 0.3993, 0.3708 by changing the saturation by 10% instead.





 54.5242, 0.3993,  
0.3708


 54.5242, 0.3993,  
0.3708


404.1058, 0.3570,  
0.3520

 39.0209, 0.4094,  
0.3748


 96.8435, 0.3842,  
0.3645

 26.7760, 0.4221,  
0.3795


 124.4283, 0.3785,  
0.3620

 17.4051, 0.4385,  
0.3850


156.8090, 0.3736,  
0.3598

 10.5237, 0.4601,  
0.3913

194.3701, 0.3693,  
0.3579

 5.7476, 0.4897,  
0.3979

237.4959, 0.3656,  
0.3562

 2.6922, 0.5424,  
0.4108

286.5709, 0.3624,

 0.9732, 0.5990,

0.3546

0.4010

341.9794, 0.3595,  
0.3533

0.0000, 1.0000,  
0.0000

0.0000, 0.0000,  
0.0000

54.5242, 0.3993,  
0.3708

54.5242, 0.3993,  
0.3708

48.0577, 0.4288,  
0.3805

61.8104, 0.3731,  
0.3603

42.3722, 0.4609,  
0.3884

69.9375, 0.3503,  
0.3497

37.4373, 0.4942,  
0.3932

78.9355, 0.3306,  
0.3394

33.2170, 0.5266,  
0.3936

88.8305, 0.3139,  
0.3297

■ 29.6713, 0.5552,  
0.3887

■ 97.7893, 0.3053,  
0.3290

■ 26.9440, 0.5770,  
0.3801

# Harmonies

## Analogous

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



54.5242, 0.3926, 0.3362



54.5242, 0.3993, 0.3708



54.5242, 0.3812, 0.3980

# Triad

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



54.5242, 0.3993, 0.3708



54.5242, 0.2632, 0.3563



54.5242, 0.2768, 0.2603

# Complementary

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



54.5242, 0.3993, 0.3708



56.0240, 0.2493, 0.2823

# 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.



54.5242, 0.2462, 0.2610



54.5242, 0.3993, 0.3708



54.5242, 0.2387, 0.3133

# Square

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



54.5242, 0.3993, 0.3708



54.5242, 0.3018, 0.3928



54.5242, 0.2328, 0.2791



54.5242, 0.3191, 0.2752



# Rectangle

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



54.5242, 0.3993, 0.3708



54.5242, 0.3585, 0.4071



54.5242, 0.2328, 0.2791



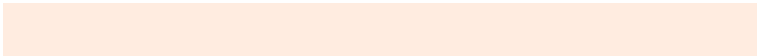
54.5242, 0.2649, 0.2587

# Sweetspot

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



54.5268, 0.3993, 0.3708



86.7465, 0.3330, 0.3407



43.3980, 0.3524, 0.2639



18.2774, 0.3355, 0.3420



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.



54.5268, 0.3993, 0.3708



54.7414, 0.4238, 0.3790



78.4499, 0.3781, 0.4197



17.5266, 0.3284, 0.3381



15.0332, 0.5741, 0.3823



1.5138, 0.5508, 0.4008



# Inverse Universe

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



56.0240, 0.2493, 0.2823



56.5861, 0.2371, 0.2706



36.0150, 0.2391, 0.2181



17.6257, 0.2980, 0.3197



15.7245, 0.1883, 0.1979



1.5806, 0.1934, 0.2160



# Previews

## White Background



This preview shows how the Yxy color 54.5242, 0.3993, 0.3708 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 54.5242, 0.3993, 0.3708 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

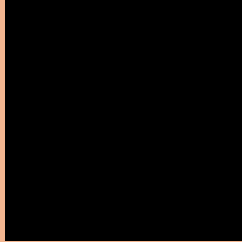
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 54.5242, 0.3993, 0.3708**

## Background



This preview shows how black text looks on a background with the Yxy color 54.5242, 0.3993, 0.3708.



This preview shows how white text looks on a background with the Yxy color 54.5242, 0.3993, 0.3708.

# 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

54.5242, 0.3993, 0.3708

### Protanopia

54.7875, 0.3593, 0.3836

### Deuteranopia

54.5127, 0.3873, 0.3792



## Tritanopia

54.4989, 0.3648, 0.3152

# Trichromacy



**Original Color**

54.5242, 0.3993, 0.3708

**Protanomaly**

54.3372, 0.3731, 0.3784

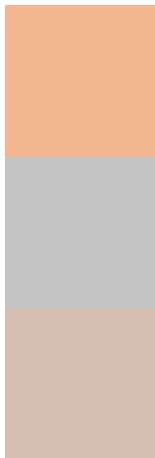
**Deuteranomaly**

54.3433, 0.3917, 0.3763

**Tritanomaly**

54.4507, 0.3777, 0.3346

# Monochromacy



**Original Color**

54.5242, 0.3993, 0.3708

**Achromatopsia**

55.2011, 0.3127, 0.3290

**Achromatomaly**

54.5821, 0.3421, 0.3457

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 54.5242, 0.3993, 0.3708 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(243, 182, 144)` looks like.

```
.text, #text, p{  
    color:rgb(243, 182, 144)  
}
```

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(243, 182, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 182, 144) }
```

## Border

The CSS property to change the border of an element to Yxy 54.5242, 0.3993, 0.3708 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(243, 182, 144) }
```

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

```
.border{ border-color:rgb(243, 182, 144) }
```

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

Here you see how a box with a 4 pixel rgb(243, 182, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 182, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 182, 144);  
box-shadow:4px 4px 4px 4px rgb(243, 182,  
144) }
```



# Background

The CSS property to change the background color of an element to Yxy 54.5242, 0.3993, 0.3708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 182, 144) }
```

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

```
.background{ background-color: rgb(243,  
182, 144) }
```

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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