

# Converting Colors

Yxy(54.4269, 0.4284, 0.3854)

Have a look what the booklet for  
Yxy(54.4269, 0.4284, 0.3854)  
contains.

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# Color

**Yxy(54.3669, 0.4281, 0.3851)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FEB27C
RGB	254, 178, 124
RGB Percent	100%, 70%, 49%
CMY	0.0038, 0.3020, 0.5138
CMYK	0.00, 0.30, 0.51, 0.00
HSL	25°, 99%, 74%
HSV	25°, 51%, 100%
XYZ	60.4375, 54.3669, 26.3717
YIQ	194.5680, 62.6300, -0.6820

# Conversions

## Conversions Part 2

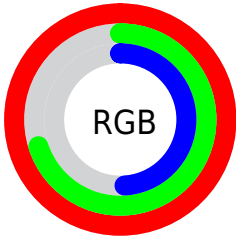
Format	Color
R <sub>Y</sub> B	254, 216, 124
Decimal	16691836
CIE Lab	78.68, 21.88, 38.56
CIE LCh	79, 44.337, 60.437
Yxy	54.3669, 0.4281, 0.3851
Android (android.graphics.Color)	4294881916 (0xFFFE27C)
YUV	194.5680, -34.7900, 52.1219
Hunter-Lab	73.7339, 17.2767, 30.4081

# Details

The Yxy color **54.3669, 0.4281, 0.3851** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **52.7561, 0.2330, 0.2623**, and the grayscale version is **54.4869, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.2800, 0.3649, 0.3866**, and **26.6310, 0.4569, 0.3949** is the 20% darker color. If you saturate the color by 10%, you get **48.2141, 0.4591, 0.3936**, and if you desaturate by 10%, it is **61.3305, 0.3994, 0.3747**.

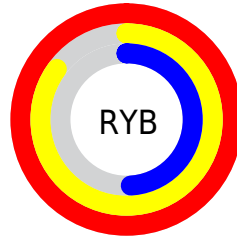
# Distribution



Red (100%)

Green (70%)

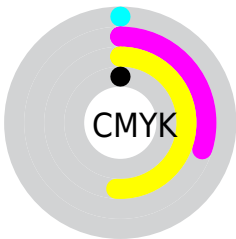
Blue (49%)



Red (100%)

Yellow (85%)

Blue (49%)

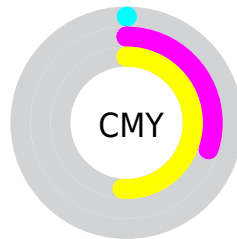


Cyan (0%)

Magenta (30%)

Yellow (51%)

Black (0%)



Cyan (0%)

Magenta (30%)

Yellow (51%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 54.3669, 0.4281, 0.3851 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 54.3669, 0.4281, 0.3851 by changing the saturation by 10% instead.





 54.3669, 0.4281,  
0.3851


 54.3669, 0.4281,  
0.3851


403.5076, 0.3722,  
0.3610


 38.8951, 0.4411,  
0.3898


 96.6127, 0.4084,  
0.3773

 26.6781, 0.4572,  
0.3950


 124.1555, 0.4008,  
0.3741

 17.3316, 0.4775,  
0.4005


 156.4908, 0.3943,  
0.3713

 10.4712, 0.5032,  
0.4057

194.0029, 0.3887,  
0.3687

 5.7125, 0.5367,  
0.4089

237.0762, 0.3838,  
0.3665

 2.6711, 0.5888,  
0.4112

286.0952, 0.3794,

 0.9625, 0.6249,

0.3645

0.3751

341.4442, 0.3756,  
0.3626

0.0000, 1.0000,  
0.0000

0.0000, 0.0000,  
0.0000

54.3669, 0.4281,  
0.3851

54.3669, 0.4281,  
0.3851

48.2141, 0.4591,  
0.3936

61.3305, 0.3994,  
0.3747

42.8307, 0.4910,  
0.3989

69.1277, 0.3736,  
0.3633

38.1831, 0.5218,  
0.3996

77.7905, 0.3510,  
0.3519

34.2310, 0.5489,  
0.3949

87.3462, 0.3314,  
0.3407

■ 31.2823, 0.5685,  
0.3868

■ 97.8212, 0.3146,  
0.3302

99.8155, 0.3121,  
0.3290

# Harmonies

## Analogous

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



54.3669, 0.4227, 0.3399



54.3669, 0.4281, 0.3851



54.3669, 0.4002, 0.4221

# Triad

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



54.3669, 0.4281, 0.3851



54.3669, 0.2431, 0.3612



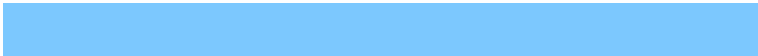
54.3669, 0.2681, 0.2402

# Complementary

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



54.3669, 0.4281, 0.3851



52.7561, 0.2330, 0.2623

# 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.



54.3669, 0.2273, 0.2386



54.3669, 0.4281, 0.3851



54.3669, 0.2137, 0.3021

# Square

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



54.3669, 0.4281, 0.3851



54.3669, 0.2925, 0.4145



54.3669, 0.2086, 0.2589



54.3669, 0.3250, 0.2608



# Rectangle

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



54.3669, 0.4281, 0.3851



54.3669, 0.3684, 0.4353



54.3669, 0.2086, 0.2589



54.3669, 0.2523, 0.2374

# Sweetspot

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



54.3696, 0.4281, 0.3851



84.3292, 0.3385, 0.3449



39.7517, 0.3696, 0.2501



17.6144, 0.3427, 0.3473



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.



54.3696, 0.4281, 0.3851



48.7407, 0.4585, 0.3935



85.4531, 0.3937, 0.4428



19.2265, 0.3284, 0.3389



16.7637, 0.5657, 0.3890



1.8418, 0.5453, 0.4052



# Inverse Universe

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



52.7561, 0.2330, 0.2623



46.8956, 0.2196, 0.2467



29.3295, 0.2169, 0.1810



19.1426, 0.2979, 0.3189



15.3203, 0.1852, 0.1866



1.7074, 0.1901, 0.2044



# Previews

## White Background



This preview shows how the Yxy color 54.3669, 0.4281, 0.3851 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 54.3669, 0.4281, 0.3851 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

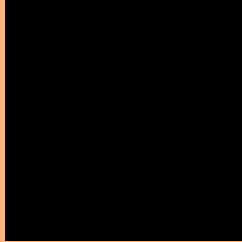
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 54.3669, 0.4281, 0.3851**

## **Background**



This preview shows how black text looks on a background with the Yxy color 54.3669, 0.4281, 0.3851.



This preview shows how white text looks on a background with the Yxy color 54.3669, 0.4281, 0.3851.

# 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

54.3669, 0.4281, 0.3851

### Protanopia

54.5178, 0.3758, 0.4059

### Deuteranopia

54.3558, 0.4093, 0.3997



## Tritanopia

54.2257, 0.3774, 0.3166

# Trichromacy



**Original Color**

54.3669, 0.4281, 0.3851

**Protanomaly**

54.2846, 0.3950, 0.3988

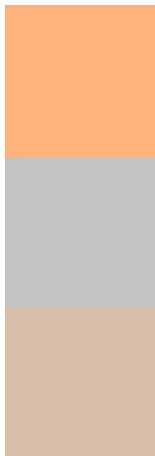
**Deuteranomaly**

54.3517, 0.4164, 0.3938

**Tritanomaly**

54.1407, 0.3972, 0.3419

# Monochromacy



**Original Color**

54.3669, 0.4281, 0.3851

**Achromatopsia**

54.5724, 0.3127, 0.3290

**Achromatomaly**

53.8587, 0.3517, 0.3528

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 54.3669, 0.4281, 0.3851 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(254, 178, 124)` looks like.

```
.text, #text, p{  
    color:rgb(254, 178, 124)  
}
```

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(254, 178, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 178, 124) }
```

## Border

The CSS property to change the border of an element to Yxy 54.3669, 0.4281, 0.3851 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(254, 178, 124) }
```

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

```
.border{ border-color:rgb(254, 178, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 178, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 178, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 178, 124);  
box-shadow:4px 4px 4px 4px rgb(254, 178,  
124) }
```



# Background

The CSS property to change the background color of an element to Yxy 54.3669, 0.4281, 0.3851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 178, 124) }
```

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

```
.background{ background-color: rgb(254,  
178, 124) }
```

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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