

# Converting Colors

Yxy(53.4256, 0.4349, 0.3941)

Have a look what the booklet for  
Yxy(53.4256, 0.4349, 0.3941)  
contains.

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# Color

**Yxy(53.3546, 0.4351, 0.3941)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FCB172
RGB	252, 177, 114
RGB Percent	99%, 69%, 45%
CMY	0.0118, 0.3059, 0.5528
CMYK	0.00, 0.30, 0.55, 0.01
HSL	27°, 96%, 72%
HSV	27°, 55%, 99%
XYZ	58.9053, 53.3546, 23.1235
YIQ	192.2430, 64.9230, -3.6930

# Conversions

## Conversions Part 2

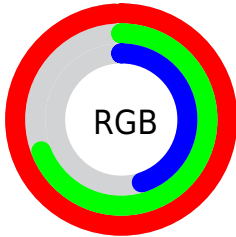
Format	Color
R <sub>Y</sub> B	252, 230, 114
Decimal	16560498
CIE Lab	78.08, 20.76, 42.89
CIE LCh	78, 47.650, 64.172
Yxy	53.3546, 0.4351, 0.3941
Android (android.graphics.Color)	4294750578 (0xFFFCB172)
YUV	192.2430, -38.5738, 52.4069
Hunter-Lab	73.0442, 16.1210, 32.3616

# Details

The Yxy color **53.3546, 0.4351, 0.3941** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **47.0151, 0.2264, 0.2492**, and the grayscale version is **53.0662, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.3278, 0.3718, 0.3957**, and **25.9919, 0.4656, 0.4051** is the 20% darker color. If you saturate the color by 10%, you get **47.7173, 0.4648, 0.4026**, and if you desaturate by 10%, it is **59.6984, 0.4069, 0.3832**.

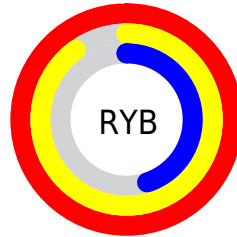
# Distribution



Red (99%)

Green (69%)

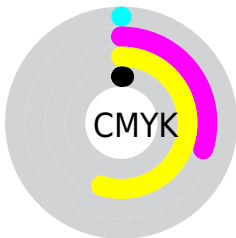
Blue (45%)



Red (99%)

Yellow (90%)

Blue (45%)

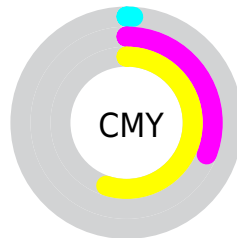


Cyan (0%)

Magenta (30%)

Yellow (55%)

Black (1%)



Cyan (1%)

Magenta (31%)


Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 53.3546, 0.4351, 0.3941 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 53.3546, 0.4351, 0.3941 by changing the saturation by 10% instead.





 53.3546, 0.4351,  
0.3941

 53.3546, 0.4351,  
0.3941


399.6441, 0.3760,  
0.3661


 38.0859, 0.4487,  
0.3994


 95.1260, 0.4144,  
0.3851

 26.0494, 0.4654,  
0.4053


 122.3974, 0.4064,  
0.3814

 16.8606, 0.4860,  
0.4114


 154.4386, 0.3995,  
0.3781

 10.1351, 0.5117,  
0.4168

191.6339, 0.3935,  
0.3751

 5.4887, 0.5479,  
0.4223

234.3677, 0.3883,  
0.3725

 2.5367, 0.5856,  
0.4144

283.0244, 0.3837,

 0.8950, 0.6215,

0.3702

337.9884, 0.3796,  
0.3680

0.3785

0.0000, 1.0000,  
0.0000

0.0000, 0.0000,  
0.0000

53.3546, 0.4351,  
0.3941

53.3546, 0.4351,  
0.3941

47.7173, 0.4648,  
0.4026

59.6984, 0.4069,  
0.3832

42.7495, 0.4945,  
0.4073

66.7679, 0.3811,  
0.3711

38.4213, 0.5222,  
0.4070

74.5911, 0.3580,  
0.3585

34.6964, 0.5457,  
0.4011

83.1919, 0.3378,  
0.3461

■ 32.9609, 0.5565,  
0.3964

■ 92.5930, 0.3202,  
0.3343

■ 99.4350, 0.3109,  
0.3290

# Harmonies

## Analogous

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



53.3546, 0.4345, 0.3461



53.3546, 0.4351, 0.3941



53.3546, 0.4008, 0.4327

# Triad

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



53.3546, 0.4351, 0.3941



53.3546, 0.2324, 0.3554



53.3546, 0.2714, 0.2357

# Complementary

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



53.3546, 0.4351, 0.3941



47.0151, 0.2264, 0.2492

# 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.



53.3546, 0.2253, 0.2310



53.3546, 0.4351, 0.3941



53.3546, 0.2044, 0.2923

# Square

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



53.3546, 0.4351, 0.3941



53.3546, 0.2830, 0.4164



53.3546, 0.2023, 0.2492



53.3546, 0.3340, 0.2599



# Rectangle

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



53.3546, 0.4351, 0.3941



53.3546, 0.3649, 0.4451



53.3546, 0.2023, 0.2492



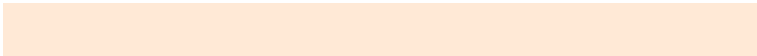
53.3546, 0.2537, 0.2318

# Sweetspot

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



53.3572, 0.4351, 0.3941



84.3025, 0.3402, 0.3477



36.4517, 0.3833, 0.2519



17.6450, 0.3442, 0.3502



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.



53.3572, 0.4351, 0.3941



48.3216, 0.4687, 0.4034



87.2758, 0.3953, 0.4548



18.5304, 0.3282, 0.3399



17.4566, 0.5537, 0.3986

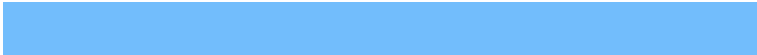


1.8258, 0.5336, 0.4145



# Inverse Universe

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



47.0151, 0.2264, 0.2492



41.1455, 0.2111, 0.2291



24.2666, 0.2079, 0.1610



18.2066, 0.2980, 0.3179



13.2766, 0.1812, 0.1723



1.4416, 0.1868, 0.1925



# Previews

## White Background



This preview shows how the Yxy color 53.3546, 0.4351, 0.3941 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 53.3546, 0.4351, 0.3941 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

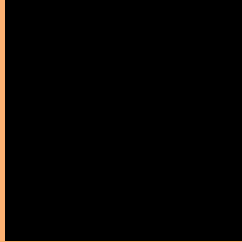
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 53.3546, 0.4351, 0.3941**

## **Background**



This preview shows how black text looks on a background with the Yxy color 53.3546, 0.4351, 0.3941.



This preview shows how white text looks on a background with the Yxy color 53.3546, 0.4351, 0.3941.

# 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

53.3546, 0.4351, 0.3941

### Protanopia

53.3449, 0.3849, 0.4163

### Deuteranopia

53.5299, 0.4168, 0.4091



## Tritanopia

53.3868, 0.3799, 0.3166

# Trichromacy



## Original Color

53.3546, 0.4351, 0.3941

## Protanomaly

53.0174, 0.4030, 0.4077

## Deuteranomaly

53.3489, 0.4232, 0.4032

## Tritanomaly

53.3923, 0.4013, 0.3462

# Monochromacy



## Original Color

53.3546, 0.4351, 0.3941

## Achromatopsia

52.7115, 0.3127, 0.3290

## Achromatomaly

52.5171, 0.3546, 0.3567

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 53.3546, 0.4351, 0.3941 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(252, 177, 114)` looks like.

```
.text, #text, p{  
    color:rgb(252, 177, 114)  
}
```

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(252, 177, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 177, 114) }
```

## Border

The CSS property to change the border of an element to Yxy 53.3546, 0.4351, 0.3941 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(252, 177, 114) }
```

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

```
.border{ border-color:rgb(252, 177, 114) }
```

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

Here you see how a box with a 4 pixel rgb(252, 177, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 177, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 177, 114);  
box-shadow:4px 4px 4px 4px rgb(252, 177,  
114) }
```



# Background

The CSS property to change the background color of an element to Yxy 53.3546, 0.4351, 0.3941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 177, 114) }
```

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

```
.background{ background-color: rgb(252,  
177, 114) }
```

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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