

Converting Colors

Yxy(54.1344, 0.4285, 0.3736)

Have a look what the booklet for
Yxy(54.1344, 0.4285, 0.3736)
contains.

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Color

Yxy(53.1708, 0.4253, 0.3739)

Conversions

Conversions Part 1

Format	Color
Hex	FFAE83
RGB	255, 174, 131
RGB Percent	100%, 68%, 51%
CMY	0.0000, 0.3177, 0.4862
CMYK	0.00, 0.32, 0.49, 0.00
HSL	21°, 100%, 76%
HSV	21°, 49%, 100%
XYZ	60.4802, 53.1708, 28.5550
YIQ	193.3170, 62.0790, 3.7990

Conversions

Conversions Part 2

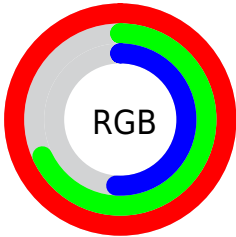
Format	Color
R _Y B	255, 197, 131
Decimal	16756355
CIE Lab	77.98, 24.99, 34.01
CIE LCh	78, 42.204, 53.690
Yxy	53.1708, 0.4253, 0.3739
Android (android.graphics.Color)	4294946435 (0xFFFFAE83)
YUV	193.3170, -30.7223, 54.0960
Hunter-Lab	72.9183, 20.4451, 27.8247

Details

The Yxy color **53.1708, 0.4253, 0.3739** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **59.1474, 0.2388, 0.2771**, and the grayscale version is **53.6800, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.3143, 0.3613, 0.3757**, and **25.8709, 0.4543, 0.3813** is the 20% darker color. If you saturate the color by 10%, you get **46.5174, 0.4585, 0.3813**, and if you desaturate by 10%, it is **60.7895, 0.3953, 0.3649**.

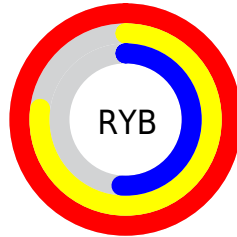
Distribution



Red (100%)

Green (68%)

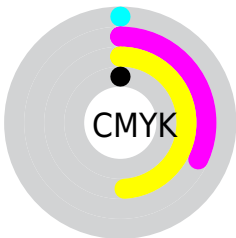
Blue (51%)



Red (100%)

Yellow (77%)

Blue (51%)

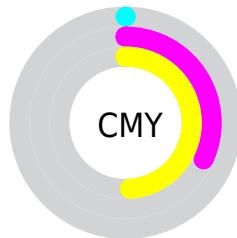


Cyan (0%)

Magenta (32%)

Yellow (49%)

Black (0%)



Cyan (0%)


Magenta (32%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.1708, 0.4253, 0.3739 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 53.1708, 0.4253, 0.3739 by changing the saturation by 10% instead.


 53.1708, 0.4253,
0.3739

 53.1708, 0.4253,
0.3739

398.9401, 0.3702,
0.3549


 37.9391, 0.4384,
0.3775


 94.8557, 0.4057,
0.3678

 25.9355, 0.4547,
0.3815


 122.0776, 0.3982,
0.3653

 16.7754, 0.4755,
0.3856


 154.0652, 0.3918,
0.3630

 10.0745, 0.5025,
0.3892

191.2027, 0.3863,
0.3610

 5.4484, 0.5382,
0.3905

233.8745, 0.3815,
0.3592

 2.5127, 0.6039,
0.3961

282.4651, 0.3773,

 0.8830, 0.6454,

0.3576

0.3546

337.3588, 0.3735,
0.3562

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.1708, 0.4253,
0.3739

53.1708, 0.4253,
0.3739

46.5174, 0.4585,
0.3813

60.7895, 0.3953,
0.3649

40.7925, 0.4936,
0.3860

69.4175, 0.3689,
0.3553

35.9491, 0.5284,
0.3866

79.0900, 0.3463,
0.3457

31.9371, 0.5596,
0.3822

89.8416, 0.3270,
0.3365

■ 28.6966, 0.5845,
0.3730

100.0000, 0.3127,
0.3290

■ 28.3032, 0.5877,
0.3716

Harmonies

Analogous

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



53.1708, 0.4122, 0.3299



53.1708, 0.4253, 0.3739



53.1708, 0.4053, 0.4121

Triad

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



53.1708, 0.4253, 0.3739



53.1708, 0.2552, 0.3728



53.1708, 0.2594, 0.2413

Complementary

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



53.1708, 0.4253, 0.3739



59.1474, 0.2388, 0.2771

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.



53.1708, 0.2245, 0.2445



53.1708, 0.4253, 0.3739



53.1708, 0.2219, 0.3153

Square

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



53.1708, 0.4253, 0.3739



53.1708, 0.3058, 0.4185



53.1708, 0.2114, 0.2693



53.1708, 0.3116, 0.2574

Rectangle

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



53.1708, 0.4253, 0.3739



53.1708, 0.3776, 0.4282



53.1708, 0.2114, 0.2693



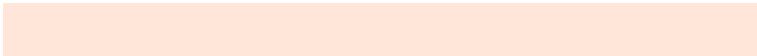
53.1708, 0.2455, 0.2401

Sweetspot

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



53.1691, 0.4253, 0.3739



82.8549, 0.3389, 0.3423



42.3366, 0.3570, 0.2460



17.2613, 0.3432, 0.3443



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.



53.1691, 0.4253, 0.3739



46.9019, 0.4564, 0.3809



81.9369, 0.3937, 0.4309



19.0166, 0.3286, 0.3373



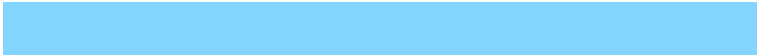
15.0392, 0.5847, 0.3740



1.6591, 0.5629, 0.3913

Inverse Universe

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



59.1474, 0.2388, 0.2771



53.4121, 0.2265, 0.2650



34.4011, 0.2241, 0.1998



19.3592, 0.2980, 0.3206



18.4297, 0.1920, 0.2111



1.9988, 0.1961, 0.2261

Previews

White Background



This preview shows how the Yxy color 53.1708, 0.4253, 0.3739 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 53.1708, 0.4253, 0.3739 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

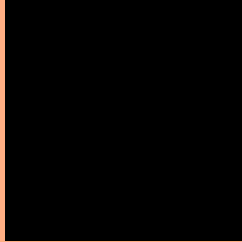
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.1708, 0.4253, 0.3739

Background



This preview shows how black text looks on a background with the Yxy color 53.1708, 0.4253, 0.3739.



This preview shows how white text looks on a background with the Yxy color 53.1708, 0.4253, 0.3739.

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

53.1708, 0.4253, 0.3739

Protanopia

53.4139, 0.3677, 0.3949

Deuteranopia

53.4387, 0.4007, 0.3923



Tritanopia

52.9721, 0.3811, 0.3166

Trichromacy



Original Color

53.1708, 0.4253, 0.3739

Protanomaly

52.9029, 0.3882, 0.3871

Deuteranomaly

53.1847, 0.4091, 0.3852

Tritanomaly

53.0302, 0.3974, 0.3377

Monochromacy



Original Color

53.1708, 0.4253, 0.3739

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

52.6190, 0.3516, 0.3482

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.1708, 0.4253, 0.3739 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(255, 174, 131)` looks like.

```
.text, #text, p{  
    color:rgb(255, 174, 131)  
}
```

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(255, 174, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 174, 131) }
```

Border

The CSS property to change the border of an element to Yxy 53.1708, 0.4253, 0.3739 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(255, 174, 131) }
```

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

```
.border{ border-color:rgb(255, 174, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 174, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 174, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 174, 131);  
box-shadow:4px 4px 4px 4px rgb(255, 174,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 53.1708, 0.4253, 0.3739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 174, 131) }
```

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

```
.background{ background-color: rgb(255,  
174, 131) }
```

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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