

Converting Colors

$Yxy(59.3156, 0.4459, 0.3681)$

Have a look what the booklet for
Yxy(59.3156, 0.4459, 0.3681)
contains.

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Color

Yxy(53.6134, 0.4230, 0.3730)

Conversions

Conversions Part 1

Format	Color
Hex	FFAF85
RGB	255, 175, 133
RGB Percent	100%, 69%, 52%
CMY	0.0000, 0.3137, 0.4786
CMYK	0.00, 0.31, 0.48, 0.00
HSL	21°, 100%, 76%
HSV	21°, 48%, 100%
XYZ	60.8002, 53.6134, 29.3221
YIQ	194.1320, 61.1620, 3.8980

Conversions

Conversions Part 2

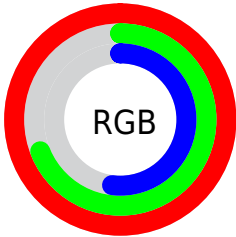
Format	Color
R _Y B	255, 197, 133
Decimal	16756613
CIE Lab	78.24, 24.63, 33.32
CIE LCh	78, 41.435, 53.532
Yxy	53.6134, 0.4230, 0.3730
Android (android.graphics.Color)	4294946693 (0xFFFFAF85)
YUV	194.1320, -30.1381, 53.3812
Hunter-Lab	73.2212, 20.0828, 27.5116

Details

The Yxy color **53.6134, 0.4230, 0.3730** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **59.7669, 0.2399, 0.2784**, and the grayscale version is **54.1859, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.9997, 0.3590, 0.3736**, and **26.1457, 0.4512, 0.3802** is the 20% darker color. If you saturate the color by 10%, you get **46.8859, 0.4561, 0.3805**, and if you desaturate by 10%, it is **61.3225, 0.3932, 0.3640**.

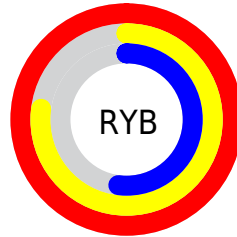
Distribution



Red (100%)

Green (69%)

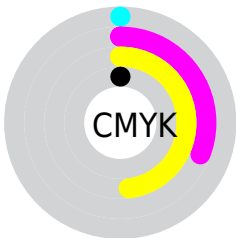
Blue (52%)



Red (100%)

Yellow (77%)

Blue (52%)

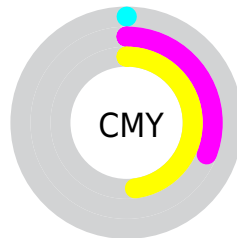


Cyan (0%)

Magenta (31%)

Yellow (48%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.6134, 0.4230, 0.3730 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 53.6134, 0.4230, 0.3730 by changing the saturation by 10% instead.


 53.6134, 0.4230,
0.3730

 53.6134, 0.4230,
0.3730


400.6341, 0.3691,
0.3543


 38.2927, 0.4358,
0.3766


 95.5064, 0.4038,
0.3670

 26.2099, 0.4518,
0.3805


 122.8474, 0.3965,
0.3645

 16.9807, 0.4722,
0.3847


 154.9640, 0.3902,
0.3623

 10.2208, 0.4987,
0.3885

192.2405, 0.3848,
0.3603

 5.5456, 0.5339,
0.3902

235.0614, 0.3801,
0.3586

 2.5708, 0.6016,
0.3984

283.8110, 0.3760,

 0.9120, 0.6420,

0.3570

0.3580

338.8738, 0.3723,
0.3556

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.6134, 0.4230,
0.3730

53.6134, 0.4230,
0.3730

46.8859, 0.4561,
0.3805

61.3225, 0.3932,
0.3640

41.0903, 0.4912,
0.3854

70.0444, 0.3671,
0.3544

36.1836, 0.5262,
0.3864

79.8185, 0.3447,
0.3449

32.1160, 0.5579,
0.3823

90.6798, 0.3256,
0.3358

■ 28.8291, 0.5833,
0.3733

99.9988, 0.3127,
0.3290

■ 28.2150, 0.5882,
0.3712

Harmonies

Analogous

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



53.6134, 0.4099, 0.3298



53.6134, 0.4230, 0.3730



53.6134, 0.4037, 0.4104

Triad

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



53.6134, 0.4230, 0.3730



53.6134, 0.2567, 0.3721



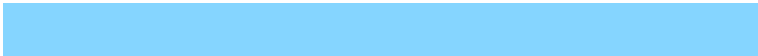
53.6134, 0.2603, 0.2429

Complementary

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



53.6134, 0.4230, 0.3730



59.7669, 0.2399, 0.2784

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.



53.6134, 0.2260, 0.2462



53.6134, 0.4230, 0.3730



53.6134, 0.2237, 0.3160

Square

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



53.6134, 0.4230, 0.3730



53.6134, 0.3063, 0.4166



53.6134, 0.2133, 0.2708



53.6134, 0.3114, 0.2586

Rectangle

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



53.6134, 0.4230, 0.3730



53.6134, 0.3766, 0.4260



53.6134, 0.2133, 0.2708



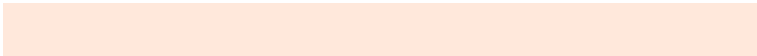
53.6134, 0.2466, 0.2418

Sweetspot

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



53.6160, 0.4230, 0.3730



83.8788, 0.3370, 0.3413



42.8965, 0.3561, 0.2472



17.4632, 0.3412, 0.3433



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.



53.6160, 0.4230, 0.3730



47.4263, 0.4532, 0.3800



82.1714, 0.3924, 0.4295



19.0103, 0.3286, 0.3372



14.9930, 0.5852, 0.3735



1.6541, 0.5634, 0.3908

Inverse Universe

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



59.7669, 0.2399, 0.2784



54.1369, 0.2278, 0.2667



35.0863, 0.2256, 0.2022



19.3658, 0.2980, 0.3206



18.5299, 0.1922, 0.2119



2.0080, 0.1963, 0.2267

Previews

White Background



This preview shows how the Yxy color 53.6134, 0.4230, 0.3730 looks on a white background.

Color Contrast Check

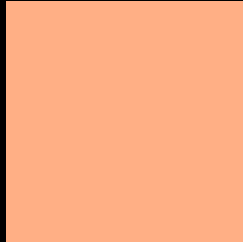
Large Text (above 18pt) WCAG AA × Fail

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 53.6134, 0.4230, 0.3730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

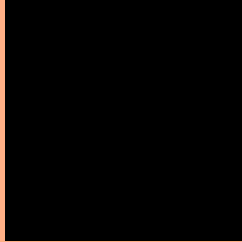
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.6134, 0.4230, 0.3730

Background



This preview shows how black text looks on a background with the Yxy color 53.6134, 0.4230, 0.3730.



This preview shows how white text looks on a background with the Yxy color 53.6134, 0.4230, 0.3730.

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

53.6134, 0.4230, 0.3730

Protanopia

53.9166, 0.3658, 0.3936

Deuteranopia

53.4924, 0.3991, 0.3901



Tritanopia

53.7632, 0.3796, 0.3176

Trichromacy



Original Color

53.6134, 0.4230, 0.3730

Protanomaly

53.3832, 0.3861, 0.3859

Deuteranomaly

53.2390, 0.4074, 0.3831

Tritanomaly

53.4454, 0.3961, 0.3377

Monochromacy



Original Color

53.6134, 0.4230, 0.3730

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.1181, 0.3496, 0.3469

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.6134, 0.4230, 0.3730 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, 175, 133)` looks like.

```
.text, #text, p{  
    color:rgb(255, 175, 133)  
}
```

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, 175, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 175, 133) }
```

Border

The CSS property to change the border of an element to Yxy 53.6134, 0.4230, 0.3730 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, 175, 133) }
```

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

```
.border{ border-color:rgb(255, 175, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 175, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 175, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 175, 133);  
box-shadow:4px 4px 4px 4px rgb(255, 175,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 53.6134, 0.4230, 0.3730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 175, 133) }
```

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

```
.background{ background-color: rgb(255,  
175, 133) }
```

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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