

Converting Colors

$Yxy(76.0449, 0.4921, 0.3621)$

Have a look what the booklet for
Yxy(76.0449, 0.4921, 0.3621)
contains.

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Color

Yxy(54.3430, 0.4236, 0.3770)

Conversions

Conversions Part 1

Format	Color
Hex	FFB183
RGB	255, 177, 131
RGB Percent	100%, 69%, 51%
CMY	0.0000, 0.3059, 0.4863
CMYK	0.00, 0.31, 0.49, 0.00
HSL	22°, 100%, 76%
HSV	22°, 49%, 100%
XYZ	61.0602, 54.3430, 28.7427
YIQ	195.0780, 61.2540, 2.2300

Conversions

Conversions Part 2

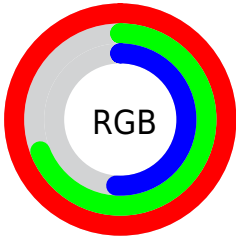
Format	Color
R _Y B	255, 204, 131
Decimal	16757123
CIE Lab	78.66, 23.41, 34.91
CIE LCh	79, 42.032, 56.160
Yxy	54.3430, 0.4236, 0.3770
Android (android.graphics.Color)	4294947203 (0xFFFFB183)
YUV	195.0780, -31.5905, 52.5516
Hunter-Lab	73.7177, 18.8451, 28.4851

Details

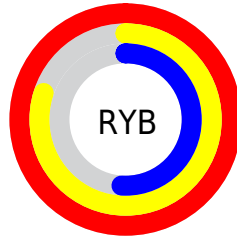
The Yxy color **54.3430, 0.4236, 0.3770** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **57.6433, 0.2380, 0.2733**, and the grayscale version is **54.7873, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.0406, 0.3598, 0.3776**, and **26.6115, 0.4516, 0.3852** is the 20% darker color. If you saturate the color by 10%, you get **47.7678, 0.4559, 0.3850**, and if you desaturate by 10%, it is **61.8365, 0.3943, 0.3674**.

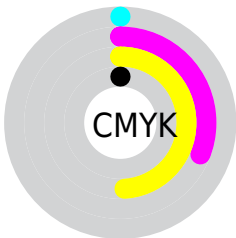
Distribution



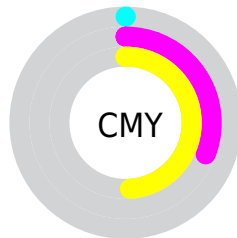
- Red (100%)
- Green (69%)
- Blue (51%)



- Red (100%)
- Yellow (80%)
- Blue (51%)



- Cyan (0%)
- Magenta (31%)
- Yellow (49%)
- Black (0%)




- Cyan (0%)
- Magenta (31%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.3430, 0.4236, 0.3770 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 54.3430, 0.4236, 0.3770 by changing the saturation by 10% instead.

 54.3430, 0.4236,
0.3770


 54.3430, 0.4236,
0.3770


403.4166, 0.3696,
0.3565

 38.8760, 0.4363,
0.3810


 96.5777, 0.4045,
0.3704

 26.6632, 0.4522,
0.3854


 124.1141, 0.3971,
0.3677

 17.3205, 0.4723,
0.3901


 156.4424, 0.3909,
0.3652

 10.4632, 0.4982,
0.3946

193.9471, 0.3854,
0.3631

 5.7072, 0.5324,
0.3970

237.0124, 0.3807,
0.3612

 2.6678, 0.5953,
0.4047

286.0229, 0.3766,

 0.9609, 0.6333,

0.3594

0.3667

341.3628, 0.3729,
0.3579

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.3430, 0.4236,
0.3770

54.3430, 0.4236,
0.3770

47.7678, 0.4559,
0.3850

61.8365, 0.3943,
0.3674

42.0674, 0.4898,
0.3903

70.2790, 0.3684,
0.3571

37.2018, 0.5234,
0.3913

79.7059, 0.3461,
0.3469

33.1250, 0.5536,
0.3873

90.1493, 0.3269,
0.3370

■ 29.7817, 0.5780,
0.3782

100.0000, 0.3127,
0.3290

■ 29.3739, 0.5811,
0.3768

Harmonies

Analogous

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



54.3430, 0.4134, 0.3336



54.3430, 0.4236, 0.3770



54.3430, 0.4014, 0.4137

Triad

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



54.3430, 0.4236, 0.3770



54.3430, 0.2524, 0.3677



54.3430, 0.2637, 0.2428

Complementary

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



54.3430, 0.4236, 0.3770



57.6433, 0.2380, 0.2733

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.



54.3430, 0.2274, 0.2443



54.3430, 0.4236, 0.3770



54.3430, 0.2211, 0.3112

Square

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



54.3430, 0.4236, 0.3770



54.3430, 0.3014, 0.4147



54.3430, 0.2126, 0.2671



54.3430, 0.3163, 0.2602

Rectangle

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



54.3430, 0.4236, 0.3770



54.3430, 0.3730, 0.4282



54.3430, 0.2126, 0.2671



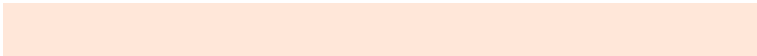
54.3430, 0.2494, 0.2411

Sweetspot

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



54.3447, 0.4236, 0.3770



83.3756, 0.3388, 0.3433



42.1221, 0.3613, 0.2498



17.3859, 0.3430, 0.3454



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.



54.3447, 0.4236, 0.3770



48.1546, 0.4538, 0.3846



84.3197, 0.3918, 0.4344



19.0909, 0.3285, 0.3379



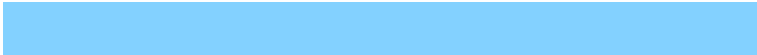
15.6097, 0.5781, 0.3792



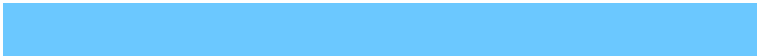
1.7206, 0.5567, 0.3962

Inverse Universe

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



57.6433, 0.2380, 0.2733



51.7197, 0.2254, 0.2602



33.0785, 0.2231, 0.1946



19.2821, 0.2979, 0.3200



17.2764, 0.1896, 0.2024



1.8915, 0.1940, 0.2184

Previews

White Background



This preview shows how the Yxy color 54.3430, 0.4236, 0.3770 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 54.3430, 0.4236, 0.3770 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 54.3430, 0.4236, 0.3770

Background



This preview shows how black text looks on a background with the Yxy color 54.3430, 0.4236, 0.3770.



This preview shows how white text looks on a background with the Yxy color 54.3430, 0.4236, 0.3770.

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

54.3430, 0.4236, 0.3770

Protanopia

54.5668, 0.3695, 0.3979

Deuteranopia

54.6181, 0.4014, 0.3939



Tritanopia

54.2257, 0.3774, 0.3166

Trichromacy



Original Color

54.3430, 0.4236, 0.3770

Protanomaly

53.8845, 0.3890, 0.3902

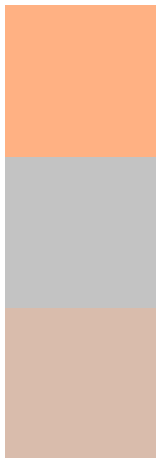
Deuteranomaly

54.3559, 0.4098, 0.3868

Tritanomaly

54.2487, 0.3944, 0.3387

Monochromacy



Original Color

54.3430, 0.4236, 0.3770

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

53.6967, 0.3503, 0.3480

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.3430, 0.4236, 0.3770 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, 177, 131)` looks like.

```
.text, #text, p{  
    color:rgb(255, 177, 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, 177, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 177, 131) }
```

Border

The CSS property to change the border of an element to Yxy 54.3430, 0.4236, 0.3770 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, 177, 131) }
```

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

```
.border{ border-color:rgb(255, 177, 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, 177, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 177, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 177, 131);  
box-shadow:4px 4px 4px 4px rgb(255, 177,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 54.3430, 0.4236, 0.3770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 177, 131) }
```

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

```
.background{ background-color: rgb(255,  
177, 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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