

Converting Colors

Yxy(54.9456, 0.4182, 0.3726)

Have a look what the booklet for
Yxy(54.9456, 0.4182, 0.3726)
contains.

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Color

Yxy(54.9069, 0.4179, 0.3720)

Conversions

Conversions Part 1

Format	Color
Hex	FFB289
RGB	255, 178, 137
RGB Percent	100%, 70%, 54%
CMY	0.0000, 0.3020, 0.4628
CMYK	0.00, 0.30, 0.46, 0.00
HSL	21°, 100%, 77%
HSV	21°, 46%, 100%
XYZ	61.6817, 54.9069, 31.0106
YIQ	196.3490, 59.0530, 3.5730

Conversions

Conversions Part 2

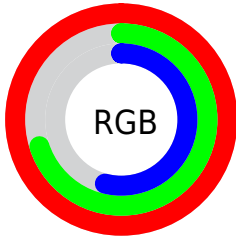
Format	Color
R _Y B	255, 200, 137
Decimal	16757385
CIE Lab	78.99, 23.46, 32.18
CIE LCh	79, 39.827, 53.912
Yxy	54.9069, 0.4179, 0.3720
Android (android.graphics.Color)	4294947465 (0xFFFFB289)
YUV	196.3490, -29.2591, 51.4369
Hunter-Lab	74.0992, 18.9135, 27.0565

Details

The Yxy color **54.9069, 0.4179, 0.3720** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **60.6291, 0.2420, 0.2799**, and the grayscale version is **55.5720, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.8672, 0.3555, 0.3724**, and **27.0911, 0.4452, 0.3790** is the 20% darker color. If you saturate the color by 10%, you get **48.0331, 0.4504, 0.3799**, and if you desaturate by 10%, it is **62.7533, 0.3887, 0.3628**.

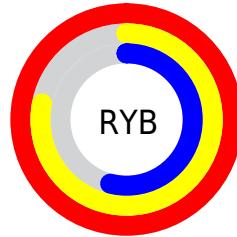
Distribution



Red (100%)

Green (70%)

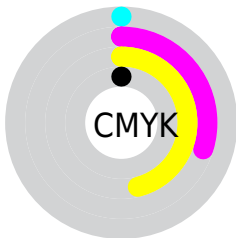
Blue (54%)



Red (100%)

Yellow (78%)

Blue (54%)

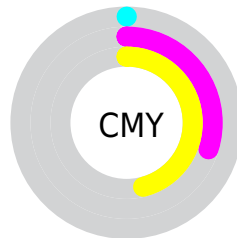


Cyan (0%)

Magenta (30%)

Yellow (46%)

Black (0%)



Cyan (0%)


Magenta (30%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.9069, 0.4179, 0.3720 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 54.9069, 0.4179, 0.3720 by changing the saturation by 10% instead.

 54.9069, 0.4179,
0.3720

 54.9069, 0.4179,
0.3720

405.5589, 0.3666,
0.3536

 39.3272, 0.4301,
0.3756


 97.4045, 0.3997,
0.3660

 27.0144, 0.4452,
0.3796


 125.0912, 0.3927,
0.3636

 17.5840, 0.4646,
0.3840


 157.5824, 0.3868,
0.3614

 10.6517, 0.4899,
0.3883

195.2624, 0.3816,
0.3595

 5.8332, 0.5236,
0.3911

238.5157, 0.3772,
0.3578

 2.7439, 0.5912,
0.4031

287.7266, 0.3732,

 0.9995, 0.6319,

0.3562

0.3681

343.2796, 0.3697,
0.3548

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.9069, 0.4179,
0.3720

54.9069, 0.4179,
0.3720

48.0331, 0.4504,
0.3799

62.7533, 0.3887,
0.3628

42.0961, 0.4852,
0.3854

71.6160, 0.3633,
0.3531

37.0499, 0.5203,
0.3871

81.5292, 0.3415,
0.3436

32.8459, 0.5525,
0.3839

92.5272, 0.3229,
0.3344

■ 29.4288, 0.5790,
0.3756

100.0000, 0.3127,
0.3290

■ 28.3390, 0.5874,
0.3718

Harmonies

Analogous

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



54.9069, 0.4057, 0.3306



54.9069, 0.4179, 0.3720



54.9069, 0.3993, 0.4074

Triad

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



54.9069, 0.4179, 0.3720



54.9069, 0.2587, 0.3694



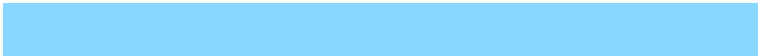
54.9069, 0.2632, 0.2466

Complementary

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



54.9069, 0.4179, 0.3720



60.6291, 0.2420, 0.2799

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.



54.9069, 0.2300, 0.2496



54.9069, 0.4179, 0.3720



54.9069, 0.2273, 0.3162

Square

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



54.9069, 0.4179, 0.3720



54.9069, 0.3062, 0.4118



54.9069, 0.2175, 0.2731



54.9069, 0.3123, 0.2618

Rectangle

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



54.9069, 0.4179, 0.3720



54.9069, 0.3734, 0.4218



54.9069, 0.2175, 0.2731



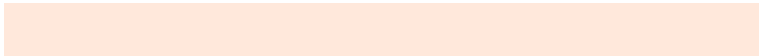
54.9069, 0.2500, 0.2454

Sweetspot

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



54.9051, 0.4179, 0.3720



83.9373, 0.3370, 0.3414



44.0897, 0.3542, 0.2497



17.4774, 0.3412, 0.3434



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.



54.9051, 0.4179, 0.3720



48.2109, 0.4495, 0.3797



82.6729, 0.3897, 0.4264



19.0192, 0.3286, 0.3373



15.0583, 0.5845, 0.3741



1.6612, 0.5627, 0.3914

Inverse Universe

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



60.6291, 0.2420, 0.2799



54.5235, 0.2290, 0.2674



36.5369, 0.2288, 0.2071



19.3565, 0.2980, 0.3205



18.3886, 0.1919, 0.2108



1.9950, 0.1961, 0.2258

Previews

White Background



This preview shows how the Yxy color 54.9069, 0.4179, 0.3720 looks on a white background.

Color Contrast Check

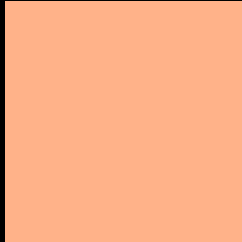
Large Text (above 18pt) WCAG AA × Fail

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 54.9069, 0.4179, 0.3720 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 54.9069, 0.4179, 0.3720

Background



This preview shows how black text looks on a background with the Yxy color 54.9069, 0.4179, 0.3720.



This preview shows how white text looks on a background with the Yxy color 54.9069, 0.4179, 0.3720.

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

54.9069, 0.4179, 0.3720

Protanopia

55.2258, 0.3637, 0.3906

Deuteranopia

55.2081, 0.3961, 0.3885



Tritanopia

55.0349, 0.3759, 0.3176

Trichromacy



Original Color

54.9069, 0.4179, 0.3720

Protanomaly

54.5169, 0.3829, 0.3834

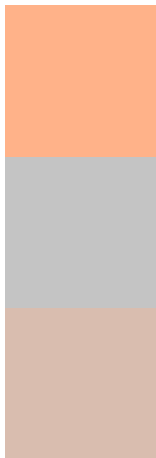
Deuteranomaly

54.9358, 0.4043, 0.3816

Tritanomaly

54.7471, 0.3913, 0.3366

Monochromacy



Original Color

54.9069, 0.4179, 0.3720

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.2421, 0.3476, 0.3456

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.9069, 0.4179, 0.3720 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, 178, 137)` looks like.

```
.text, #text, p{  
    color:rgb(255, 178, 137)  
}
```

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, 178, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 178, 137) }
```

Border

The CSS property to change the border of an element to Yxy 54.9069, 0.4179, 0.3720 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, 178, 137) }
```

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

```
.border{ border-color:rgb(255, 178, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 178, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 178, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 178, 137);  
box-shadow:4px 4px 4px 4px rgb(255, 178,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 54.9069, 0.4179, 0.3720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 178, 137) }
```

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

```
.background{ background-color: rgb(255,  
178, 137) }
```

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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