

Converting Colors

Yxy(54.2717, 0.4148, 0.3642)

Have a look what the booklet for
Yxy(54.2717, 0.4148, 0.3642)
contains.

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Color

Yxy(54.2637, 0.4145, 0.3649)

Conversions

Conversions Part 1

Format	Color
Hex	FFB08E
RGB	255, 176, 142
RGB Percent	100%, 69%, 56%
CMY	0.0001, 0.3097, 0.4432
CMYK	0.00, 0.31, 0.44, 0.00
HSL	18°, 100%, 78%
HSV	18°, 44%, 100%
XYZ	61.6396, 54.2637, 32.8051
YIQ	195.7450, 57.9980, 6.1740

Conversions

Conversions Part 2

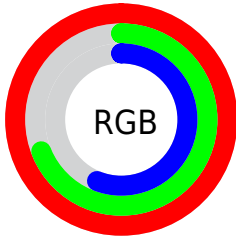
Format	Color
R _Y B	255, 191, 142
Decimal	16756878
CIE Lab	78.62, 24.97, 29.05
CIE LCh	79, 38.305, 49.326
Yxy	54.2637, 0.4145, 0.3649
Android (android.graphics.Color)	4294946958 (0xFFFFB08E)
YUV	195.7450, -26.4963, 51.9666
Hunter-Lab	73.6639, 20.4514, 25.1608

Details

The Yxy color **54.2637, 0.4145, 0.3649** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **64.6420, 0.2459, 0.2888**, and the grayscale version is **55.1771, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.9587, 0.3526, 0.3654**, and **26.6570, 0.4422, 0.3715** is the 20% darker color. If you saturate the color by 10%, you get **47.0513, 0.4481, 0.3720**, and if you desaturate by 10%, it is **62.5734, 0.3849, 0.3568**.

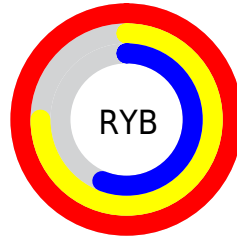
Distribution



Red (100%)

Green (69%)

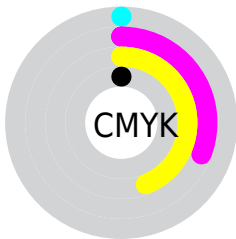
Blue (56%)



Red (100%)

Yellow (75%)

Blue (56%)

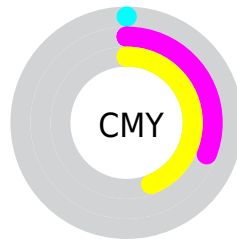


Cyan (0%)

Magenta (31%)

Yellow (44%)

Black (0%)



Cyan (0%)


Magenta (31%)

Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.2637, 0.4145, 0.3649 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 54.2637, 0.4145, 0.3649 by changing the saturation by 10% instead.


 54.2637, 0.4145,
0.3649


 54.2637, 0.4145,
0.3649


403.1148, 0.3646,
0.3497

 38.8125, 0.4264,
0.3678


 96.4613, 0.3967,
0.3600

 26.6139, 0.4414,
0.3711


 123.9766, 0.3899,
0.3580

 17.2835, 0.4606,
0.3746

156.2819, 0.3842,
0.3562

 10.4368, 0.4860,
0.3779

193.7619, 0.3792,
0.3546

 5.6895, 0.5206,
0.3798

236.8007, 0.3748,
0.3532

 2.6572, 0.5833,
0.3858

285.7829, 0.3710,

 0.9555, 0.6418,

0.3519

0.3582

341.0928, 0.3676,
0.3507

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.2637, 0.4145,
0.3649

54.2637, 0.4145,
0.3649

47.0513, 0.4481,
0.3720

62.5734, 0.3849,
0.3568

40.8808, 0.4846,
0.3770

72.0169, 0.3594,
0.3483

35.7034, 0.5220,
0.3786

82.6388, 0.3378,
0.3401

31.4628, 0.5571,
0.3758

94.4787, 0.3196,
0.3322

■ 28.0959, 0.5860,
0.3682

99.9955, 0.3127,
0.3290

■ 26.5386, 0.5992,
0.3624

Harmonies

Analogous

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



54.2637, 0.3981, 0.3246



54.2637, 0.4145, 0.3649



54.2637, 0.4009, 0.4005

Triad

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



54.2637, 0.4145, 0.3649



54.2637, 0.2669, 0.3754



54.2637, 0.2587, 0.2483

Complementary

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



54.2637, 0.4145, 0.3649



64.6420, 0.2459, 0.2888

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.



54.2637, 0.2294, 0.2543



54.2637, 0.4145, 0.3649



54.2637, 0.2334, 0.3244

Square

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



54.2637, 0.4145, 0.3649



54.2637, 0.3143, 0.4127



54.2637, 0.2205, 0.2804



54.2637, 0.3045, 0.2606

Rectangle

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



54.2637, 0.4145, 0.3649



54.2637, 0.3780, 0.4164



54.2637, 0.2205, 0.2804



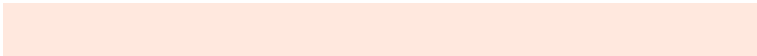
54.2637, 0.2468, 0.2482

Sweetspot

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



54.2664, 0.4145, 0.3649



84.1480, 0.3352, 0.3390



45.8179, 0.3482, 0.2494



17.4795, 0.3396, 0.3408



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.



54.2664, 0.4145, 0.3649



47.9523, 0.4434, 0.3711



81.1324, 0.3880, 0.4193



18.8792, 0.3287, 0.3362



14.0971, 0.5962, 0.3648



1.5544, 0.5742, 0.3823

Inverse Universe

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



64.6420, 0.2459, 0.2888



59.4371, 0.2345, 0.2793



39.7235, 0.2335, 0.2179



19.5031, 0.2980, 0.3217



20.7198, 0.1965, 0.2274



2.2094, 0.2001, 0.2404

Previews

White Background



This preview shows how the Yxy color 54.2637, 0.4145, 0.3649 looks on a white background.

Color Contrast Check

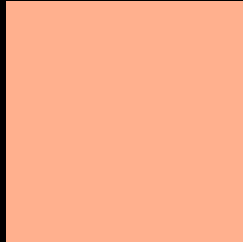
Large Text (above 18pt) WCAG AA × Fail

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 54.2637, 0.4145, 0.3649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

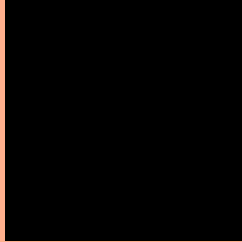
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.2637, 0.4145, 0.3649

Background



This preview shows how black text looks on a background with the Yxy color 54.2637, 0.4145, 0.3649.



This preview shows how white text looks on a background with the Yxy color 54.2637, 0.4145, 0.3649.

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

54.2637, 0.4145, 0.3649

Protanopia

54.6421, 0.3584, 0.3838

Deuteranopia

54.4230, 0.3898, 0.3825



Tritanopia

54.2257, 0.3774, 0.3166

Trichromacy



Original Color

54.2637, 0.4145, 0.3649

Protanomaly

54.0806, 0.3782, 0.3767

Deuteranomaly

54.3153, 0.3988, 0.3755

Tritanomaly

54.0117, 0.3911, 0.3334

Monochromacy



Original Color

54.2637, 0.4145, 0.3649

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.2815, 0.3468, 0.3444

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.2637, 0.4145, 0.3649 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, 176, 142)` looks like.

```
.text, #text, p{  
    color:rgb(255, 176, 142)  
}
```

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, 176, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 176, 142) }
```

Border

The CSS property to change the border of an element to Yxy 54.2637, 0.4145, 0.3649 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, 176, 142) }
```

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

```
.border{ border-color:rgb(255, 176, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 176, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 176, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 176, 142);  
box-shadow:4px 4px 4px 4px rgb(255, 176,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 54.2637, 0.4145, 0.3649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 176, 142) }
```

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

```
.background{ background-color: rgb(255,  
176, 142) }
```

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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