

Converting Colors

Yxy(76.1640, 0.4837, 0.3414)

Have a look what the booklet for
Yxy(76.1640, 0.4837, 0.3414)
contains.

Yxy(51.9358, 0.4077, 0.3461)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(51.9358, 0.4077, 0.3461)

Conversions

Conversions Part 1

Format	Color
Hex	FFA999
RGB	255, 169, 153
RGB Percent	100%, 66%, 60%
CMY	0.0000, 0.3372, 0.3999
CMYK	0.00, 0.34, 0.40, 0.00
HSL	9°, 100%, 80%
HSV	9°, 40%, 100%
XYZ	61.1795, 51.9358, 36.9448
YIQ	192.8900, 56.3920, 13.2560

Conversions

Conversions Part 2

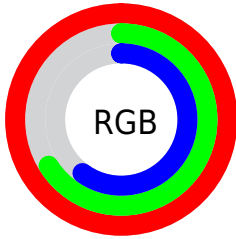
Format	Color
R _Y B	255, 172, 153
Decimal	16755097
CIE Lab	77.24, 29.80, 21.27
CIE LCh	77, 36.613, 35.511
Yxy	51.9358, 0.4077, 0.3461
Android (android.graphics.Color)	4294945177 (0xFFFFA999)
YUV	192.8900, -19.6658, 54.4705
Hunter-Lab	72.0665, 25.4179, 20.0516

Details

The Yxy color **51.9358, 0.4077, 0.3461** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **75.7361, 0.2546, 0.3107**, and the grayscale version is **53.3551, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.6154, 0.3465, 0.3473**, and **25.1859, 0.4340, 0.3480** is the 20% darker color. If you saturate the color by 10%, you get **43.8294, 0.4441, 0.3500**, and if you desaturate by 10%, it is **61.5422, 0.3768, 0.3417**.

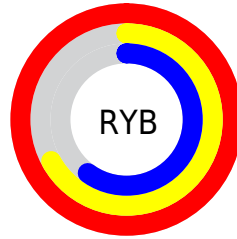
Distribution



Red (100%)

Green (66%)

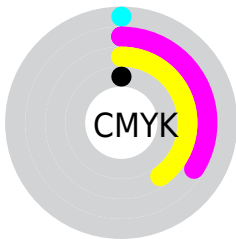
Blue (60%)



Red (100%)

Yellow (67%)

Blue (60%)

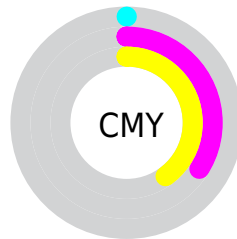


Cyan (0%)

Magenta (34%)

Yellow (40%)

Black (0%)



Cyan (0%)

Magenta (34%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.9358, 0.4077, 0.3461 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 51.9358, 0.4077, 0.3461 by changing the saturation by 10% instead.


 51.9358, 0.4077,
0.3461


 51.9358, 0.4077,
0.3461


394.1887, 0.3606,
0.3395

 36.9539, 0.4192,
0.3472


 93.0366, 0.3907,
0.3441

 25.1718, 0.4338,
0.3482


 119.9242, 0.3843,
0.3433

 16.2051, 0.4528,
0.3490


151.5492, 0.3789,
0.3425

 9.6694, 0.4785,
0.3491

188.2960, 0.3742,
0.3418

 5.1803, 0.5149,
0.3471

230.5490, 0.3701,
0.3411

 2.3534, 0.5725,
0.3417

278.6925, 0.3666,

 0.8018, 0.6756,

0.3405

0.3244

333.1109, 0.3634,
0.3400

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.9358, 0.4077,
0.3461

51.9358, 0.4077,
0.3461

43.8294, 0.4441,
0.3500

61.5422, 0.3768,
0.3417

37.1408, 0.4853,
0.3527

72.7125, 0.3511,
0.3373

31.7896, 0.5290,
0.3536

85.5150, 0.3300,
0.3330

27.6844, 0.5707,
0.3517

100.0000, 0.3127,
0.3290

■ 24.7223, 0.6048,
0.3468

■ 22.7767, 0.6272,
0.3402

■ 22.7755, 0.6272,
0.3402

Harmonies

Analogous

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



51.9358, 0.3792, 0.3075



51.9358, 0.4077, 0.3461



51.9358, 0.4078, 0.3839

Triad

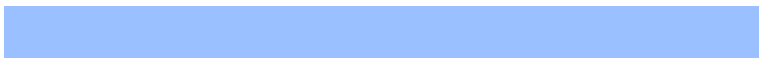
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



51.9358, 0.4077, 0.3461



51.9358, 0.2884, 0.3934



51.9358, 0.2448, 0.2509

Complementary

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



51.9358, 0.4077, 0.3461



75.7361, 0.2546, 0.3107

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.



51.9358, 0.2251, 0.2658



51.9358, 0.4077, 0.3461



51.9358, 0.2484, 0.3476

Square

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



51.9358, 0.4077, 0.3461



51.9358, 0.3370, 0.4174



51.9358, 0.2262, 0.2999



51.9358, 0.2828, 0.2549

Rectangle

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



51.9358, 0.4077, 0.3461



51.9358, 0.3925, 0.4042



51.9358, 0.2262, 0.2999



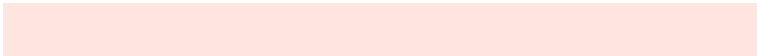
51.9358, 0.2360, 0.2537

Sweetspot

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



51.9379, 0.4077, 0.3461



82.8109, 0.3339, 0.3338



50.3224, 0.3301, 0.2432



17.3561, 0.3365, 0.3344



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.



51.9379, 0.4077, 0.3461



45.3293, 0.4364, 0.3493



74.3838, 0.3862, 0.3968



18.4466, 0.3291, 0.3328



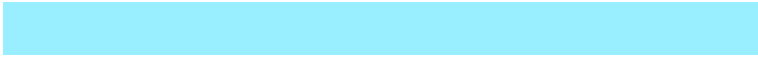
12.0362, 0.6251, 0.3418



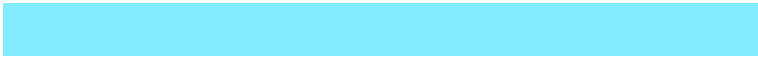
1.2985, 0.6063, 0.3568

Inverse Universe

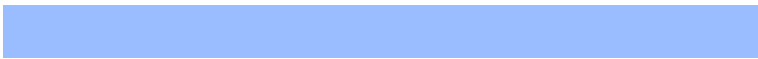
The Inverse Universe completely reimagines the original color for something new.



75.7361, 0.2546, 0.3107



72.0583, 0.2450, 0.3064



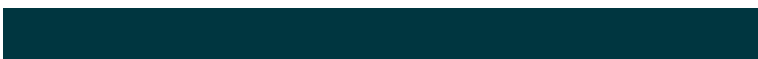
50.2658, 0.2450, 0.2497



19.9678, 0.2980, 0.3252



29.3578, 0.2106, 0.2782



2.9832, 0.2124, 0.2846

Previews

White Background



This preview shows how the Yxy color 51.9358, 0.4077, 0.3461 looks on a white background.

Color Contrast Check

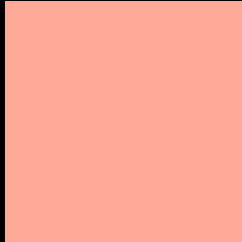
Large Text (above 18pt) WCAG AA × Fail

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 51.9358, 0.4077, 0.3461 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 51.9358, 0.4077, 0.3461

Background



This preview shows how black text looks on a background with the Yxy color 51.9358, 0.4077, 0.3461.



This preview shows how white text looks on a background with the Yxy color 51.9358, 0.4077, 0.3461.

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

51.9358, 0.4077, 0.3461

Protanopia

52.3594, 0.3422, 0.3626

Deuteranopia

52.1710, 0.3754, 0.3690



Tritanopia

51.7468, 0.3849, 0.3166

Trichromacy



Original Color

51.9358, 0.4077, 0.3461

Protanomaly

51.7772, 0.3654, 0.3563

Deuteranomaly

52.1367, 0.3873, 0.3608

Tritanomaly

51.7620, 0.3932, 0.3271

Monochromacy



Original Color

51.9358, 0.4077, 0.3461

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

52.0943, 0.3453, 0.3362

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.9358, 0.4077, 0.3461 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, 169, 153)` looks like.

```
.text, #text, p{  
    color:rgb(255, 169, 153)  
}
```

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, 169, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 169, 153) }
```

Border

The CSS property to change the border of an element to Yxy 51.9358, 0.4077, 0.3461 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, 169, 153) }
```

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

```
.border{ border-color:rgb(255, 169, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 169, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 169, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 169, 153);  
box-shadow:4px 4px 4px 4px rgb(255, 169,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 51.9358, 0.4077, 0.3461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 169, 153) }
```

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

```
.background{ background-color: rgb(255,  
169, 153) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor