

Converting Colors

$Y_{xy}(70.0887, 0.4211, 0.3524)$

Have a look what the booklet for
Yxy(70.0887, 0.4211, 0.3524)
contains.

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Color

Yxy(61.2748, 0.3872, 0.3554)

Conversions

Conversions Part 1

Format	Color
Hex	FFBFA6
RGB	255, 191, 166
RGB Percent	100%, 75%, 65%
CMY	0.0000, 0.2510, 0.3491
CMYK	0.00, 0.25, 0.35, 0.00
HSL	17°, 100%, 83%
HSV	17°, 35%, 100%
XYZ	66.7575, 61.2748, 44.3785
YIQ	207.2860, 46.1690, 5.7930

Conversions

Conversions Part 2

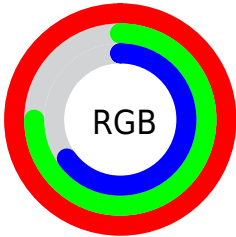
Format	Color
R _Y B	255, 201, 166
Decimal	16760742
CIE Lab	82.53, 19.77, 21.59
CIE LCh	83, 29.271, 47.517
Yxy	61.2748, 0.3872, 0.3554
Android (android.graphics.Color)	4294950822 (0xFFFFBFA6)
YUV	207.2860, -20.3540, 41.8452
Hunter-Lab	78.2782, 15.2420, 21.1813

Details

The Yxy color **61.2748, 0.3872, 0.3554** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **71.9125, 0.2595, 0.3006**, and the grayscale version is **62.7005, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6153, 0.3337, 0.3555**, and **30.9765, 0.4069, 0.3600** is the 20% darker color. If you saturate the color by 10%, you get **52.9269, 0.4176, 0.3630**, and if you desaturate by 10%, it is **70.8085, 0.3611, 0.3475**.

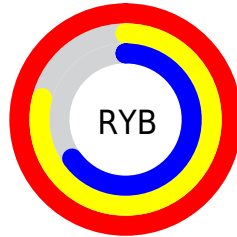
Distribution



Red (100%)

Green (75%)

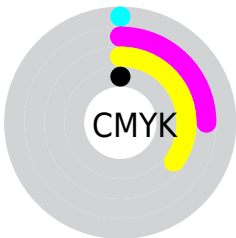
Blue (65%)



Red (100%)

Yellow (79%)

Blue (65%)

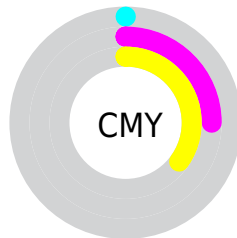


Cyan (0%)

Magenta (25%)

Yellow (35%)

Black (0%)



Cyan (0%)


Magenta (25%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.2748, 0.3872, 0.3554 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 61.2748, 0.3872, 0.3554 by changing the saturation by 10% instead.


 61.2748, 0.3872,
0.3554

 61.2748, 0.3872,
0.3554


429.2809, 0.3513,
0.3439

 44.4470, 0.3957,
0.3578


 106.6767, 0.3745,
0.3516

 31.0221, 0.4063,
0.3605


 136.0196, 0.3696,
0.3501

 20.6156, 0.4200,
0.3638


170.3030, 0.3655,
0.3487

 12.8433, 0.4381,
0.3675

209.9112, 0.3619,
0.3475

 7.3208, 0.4631,
0.3716

255.2288, 0.3588,
0.3465

 3.6635, 0.4994,
0.3750

306.6399, 0.3560,

 1.4872, 0.5977,

0.3455

0.4021

364.5292, 0.3535,
0.3447

0.2797, 0.7280,
0.2720

0.0000, 0.0000,
0.0000

61.2748, 0.3872,
0.3554

61.2748, 0.3872,
0.3554

52.9269, 0.4176,
0.3630

70.8085, 0.3611,
0.3475

45.7182, 0.4521,
0.3694

81.5741, 0.3391,
0.3398

39.5969, 0.4896,
0.3738

93.6140, 0.3206,
0.3324

34.5074, 0.5280,
0.3748

100.0000, 0.3127,
0.3290

■ 30.3890, 0.5635,
0.3715

■ 27.1728, 0.5923,
0.3637

■ 25.8502, 0.6040,
0.3586

Harmonies

Analogous

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



61.2748, 0.3737, 0.3248



61.2748, 0.3872, 0.3554



61.2748, 0.3792, 0.3817

Triad

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



61.2748, 0.3872, 0.3554



61.2748, 0.2812, 0.3646



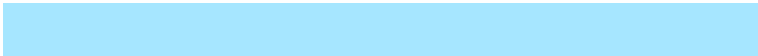
61.2748, 0.2710, 0.2681

Complementary

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



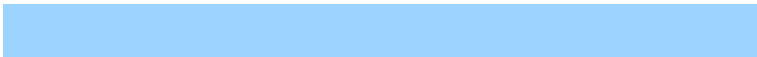
61.2748, 0.3872, 0.3554



71.9125, 0.2595, 0.3006

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.



61.2748, 0.2493, 0.2744



61.2748, 0.3872, 0.3554



61.2748, 0.2548, 0.3287

Square

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



61.2748, 0.3872, 0.3554



61.2748, 0.3170, 0.3900



61.2748, 0.2435, 0.2956



61.2748, 0.3049, 0.2764

Rectangle

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



61.2748, 0.3872, 0.3554



61.2748, 0.3634, 0.3928



61.2748, 0.2435, 0.2956



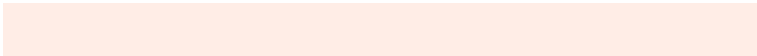
61.2748, 0.2622, 0.2685

Sweetspot

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



61.2744, 0.3872, 0.3554



87.3199, 0.3296, 0.3361



54.3125, 0.3361, 0.2633



18.3310, 0.3323, 0.3371



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.



61.2744, 0.3872, 0.3554



55.2337, 0.4083, 0.3608



82.9897, 0.3721, 0.3978



18.8179, 0.3287, 0.3357



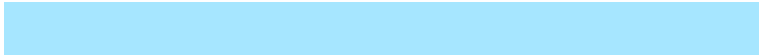
13.7231, 0.6011, 0.3609



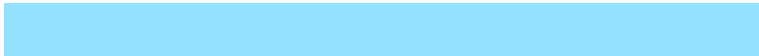
1.5114, 0.5791, 0.3784

Inverse Universe

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



71.9125, 0.2595, 0.3006



67.3057, 0.2495, 0.2939



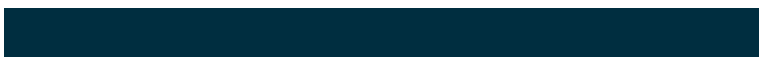
50.7635, 0.2525, 0.2489



19.5679, 0.2980, 0.3222



21.8090, 0.1985, 0.2347



2.3086, 0.2019, 0.2467

Previews

White Background



This preview shows how the Yxy color 61.2748, 0.3872, 0.3554 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 61.2748, 0.3872, 0.3554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

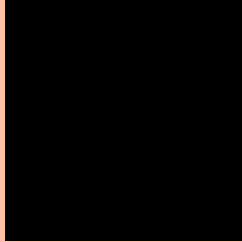
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.2748, 0.3872, 0.3554

Background



This preview shows how black text looks on a background with the Yxy color 61.2748, 0.3872, 0.3554.



This preview shows how white text looks on a background with the Yxy color 61.2748, 0.3872, 0.3554.

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

61.2748, 0.3872, 0.3554

Protanopia

61.4315, 0.3457, 0.3662

Deuteranopia

61.6300, 0.3729, 0.3653



Tritanopia

61.4435, 0.3584, 0.3157

Trichromacy



Original Color

61.2748, 0.3872, 0.3554

Protanomaly

61.1998, 0.3608, 0.3628

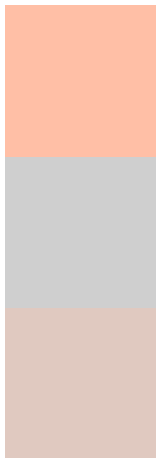
Deuteranomaly

61.1593, 0.3781, 0.3616

Tritanomaly

61.2860, 0.3692, 0.3302

Monochromacy



Original Color

61.2748, 0.3872, 0.3554

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

61.4264, 0.3377, 0.3392

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.2748, 0.3872, 0.3554 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, 191, 166)` looks like.

```
.text, #text, p{  
    color:rgb(255, 191, 166)  
}
```

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, 191, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 191, 166) }
```

Border

The CSS property to change the border of an element to Yxy 61.2748, 0.3872, 0.3554 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, 191, 166) }
```

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

```
.border{ border-color:rgb(255, 191, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 191, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 191, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 191, 166);  
box-shadow:4px 4px 4px 4px rgb(255, 191,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 61.2748, 0.3872, 0.3554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 191, 166) }
```

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

```
.background{ background-color: rgb(255,  
191, 166) }
```

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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