

Converting Colors

$Yxy(61.5809, 0.3809, 0.3477)$

Have a look what the booklet for
Yxy(61.5809, 0.3809, 0.3477)
contains.

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Color

Yxy(61.5387, 0.3813, 0.3480)

Conversions

Conversions Part 1

Format	Color
Hex	FFBFAD
RGB	255, 191, 173
RGB Percent	100%, 75%, 68%
CMY	0.0000, 0.2510, 0.3215
CMYK	0.00, 0.25, 0.32, 0.00
HSL	13°, 100%, 84%
HSV	13°, 32%, 100%
XYZ	67.4273, 61.5387, 47.8693
YIQ	208.0840, 43.9220, 7.9700

Conversions

Conversions Part 2

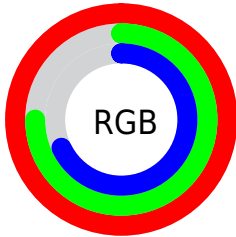
Format	Color
R _Y B	255, 196, 173
Decimal	16760749
CIE Lab	82.67, 20.64, 18.04
CIE LCh	83, 27.414, 41.152
Yxy	61.5387, 0.3813, 0.3480
Android (android.graphics.Color)	4294950829 (0xFFFFBFAD)
YUV	208.0840, -17.2964, 41.1453
Hunter-Lab	78.4466, 16.1448, 18.7330

Details

The Yxy color **61.5387, 0.3813, 0.3480** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.6956, 0.2642, 0.3090**, and the grayscale version is **63.2214, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.9962, 0.3293, 0.3486**, and **31.1421, 0.3989, 0.3507** is the 20% darker color. If you saturate the color by 10%, you get **52.5364, 0.4119, 0.3540**, and if you desaturate by 10%, it is **71.8988, 0.3554, 0.3418**.

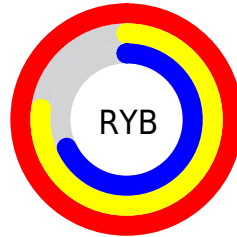
Distribution



Red (100%)

Green (75%)

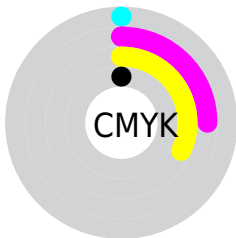
Blue (68%)



Red (100%)

Yellow (77%)

Blue (68%)

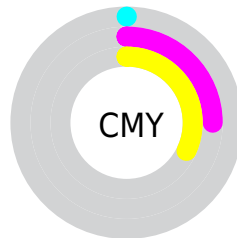


Cyan (0%)

Magenta (25%)

Yellow (32%)

Black (0%)



Cyan (0%)


Magenta (25%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.5387, 0.3813, 0.3480 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 61.5387, 0.3813, 0.3480 by changing the saturation by 10% instead.


 61.5387, 0.3813,
0.3480

 61.5387, 0.3813,
0.3480

430.2464, 0.3483,
0.3399

 44.6601, 0.3891,
0.3496

 107.0585, 0.3696,
0.3453

 31.1898, 0.3990,
0.3516


136.4685, 0.3651,
0.3443

 20.7434, 0.4116,
0.3538


170.8244, 0.3613,
0.3433

 12.9366, 0.4285,
0.3563

210.5107, 0.3580,
0.3425

 7.3849, 0.4521,
0.3589

255.9116, 0.3551,
0.3417

 3.7039, 0.4868,
0.3608

307.4116, 0.3525,

 1.5094, 0.5623,

0.3410

0.3722

365.3951, 0.3503,
0.3404

0.2953, 0.7265,
0.2735

0.0000, 0.0000,
0.0000

61.5387, 0.3813,
0.3480

61.5387, 0.3813,
0.3480

52.5364, 0.4119,
0.3540

71.8988, 0.3554,
0.3418

44.8507, 0.4474,
0.3593

83.6881, 0.3339,
0.3358

38.4137, 0.4869,
0.3630

96.9526, 0.3161,
0.3302

33.1577, 0.5281,
0.3640

100.0000, 0.3127,
0.3290

■ 29.0085, 0.5670,
0.3615

■ 25.8825, 0.5989,
0.3551

■ 24.0766, 0.6170,
0.3483

Harmonies

Analogous

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



61.5387, 0.3647, 0.3192



61.5387, 0.3813, 0.3480



61.5387, 0.3781, 0.3740

Triad

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



61.5387, 0.3813, 0.3480



61.5387, 0.2899, 0.3684



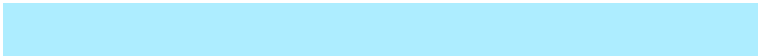
61.5387, 0.2682, 0.2719

Complementary

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



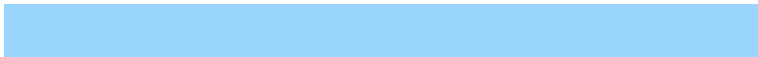
61.5387, 0.3813, 0.3480



76.6956, 0.2642, 0.3090

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.



61.5387, 0.2507, 0.2810



61.5387, 0.3813, 0.3480



61.5387, 0.2626, 0.3361

Square

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



61.5387, 0.3813, 0.3480



61.5387, 0.3243, 0.3886



61.5387, 0.2487, 0.3038



61.5387, 0.2981, 0.2769

Rectangle

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



61.5387, 0.3813, 0.3480



61.5387, 0.3656, 0.3862



61.5387, 0.2487, 0.3038



61.5387, 0.2608, 0.2733

Sweetspot

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



61.5331, 0.3813, 0.3480



86.4121, 0.3298, 0.3346



57.2835, 0.3305, 0.2647



18.1127, 0.3325, 0.3354



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.



61.5331, 0.3813, 0.3480



55.2250, 0.4017, 0.3522



81.8632, 0.3682, 0.3885



18.6323, 0.3289, 0.3343



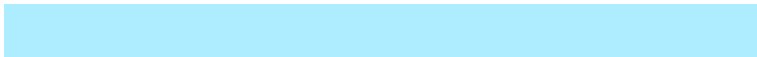
12.7583, 0.6144, 0.3504



1.3949, 0.5934, 0.3671

Inverse Universe

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



76.6956, 0.2642, 0.3090



72.6383, 0.2548, 0.3040



55.6986, 0.2583, 0.2612



19.7662, 0.2980, 0.3237



25.3755, 0.2046, 0.2566



2.6298, 0.2072, 0.2658

Previews

White Background



This preview shows how the Yxy color 61.5387, 0.3813, 0.3480 looks on a white background.

Color Contrast Check

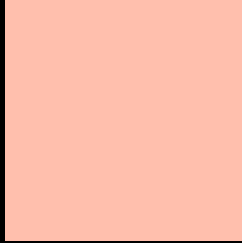
Large Text (above 18pt) WCAG AA × Fail

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 61.5387, 0.3813, 0.3480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

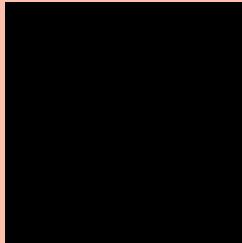
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.5387, 0.3813, 0.3480

Background



This preview shows how black text looks on a background with the Yxy color 61.5387, 0.3813, 0.3480.



This preview shows how white text looks on a background with the Yxy color 61.5387, 0.3813, 0.3480.

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

61.5387, 0.3813, 0.3480

Protanopia

62.0368, 0.3394, 0.3592

Deuteranopia

61.5439, 0.3656, 0.3577



Tritanopia

61.4435, 0.3584, 0.3157

Trichromacy



Original Color

61.5387, 0.3813, 0.3480

Protanomaly

61.7706, 0.3542, 0.3560

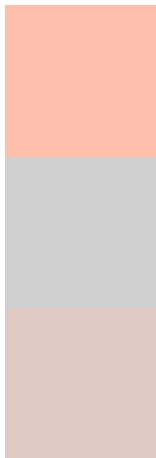
Deuteranomaly

61.2419, 0.3716, 0.3541

Tritanomaly

61.4168, 0.3666, 0.3271

Monochromacy



Original Color

61.5387, 0.3813, 0.3480

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.1887, 0.3360, 0.3369

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.5387, 0.3813, 0.3480 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, 173)` looks like.

```
.text, #text, p{  
    color:rgb(255, 191, 173)  
}
```

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, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 191, 173) }
```

Border

The CSS property to change the border of an element to Yxy 61.5387, 0.3813, 0.3480 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, 173) }
```

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

```
.border{ border-color:rgb(255, 191, 173) }
```

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, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 191, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 191, 173);  
box-shadow:4px 4px 4px 4px rgb(255, 191,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 61.5387, 0.3813, 0.3480 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, 173) }
```

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

```
.background{ background-color: rgb(255,  
191, 173) }
```

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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