

Converting Colors

Yxy(62.3176, 0.3803, 0.3494)

Have a look what the booklet for
Yxy(62.3176, 0.3803, 0.3494)
contains.

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Color

Yxy(62.4171, 0.3806, 0.3501)

Conversions

Conversions Part 1

Format	Color
Hex	FFC1AD
RGB	255, 193, 173
RGB Percent	100%, 76%, 68%
CMY	0.0000, 0.2431, 0.3215
CMYK	0.00, 0.24, 0.32, 0.00
HSL	15°, 100%, 84%
HSV	15°, 32%, 100%
XYZ	67.8548, 62.4171, 48.0118
YIQ	209.2580, 43.3720, 6.9240

Conversions

Conversions Part 2

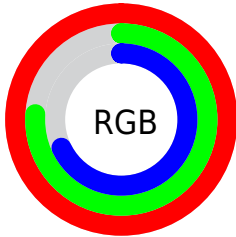
Format	Color
R _Y B	255, 199, 173
Decimal	16761261
CIE Lab	83.13, 19.57, 18.69
CIE LCh	83, 27.063, 43.693
Yxy	62.4171, 0.3806, 0.3501
Android (android.graphics.Color)	4294951341 (0xFFFFC1AD)
YUV	209.2580, -17.8752, 40.1157
Hunter-Lab	79.0045, 15.0508, 19.2720

Details

The Yxy color $62.4171, 0.3806, 0.3501$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $75.5269, 0.2639, 0.3067$, and the grayscale version is $64.0369, 0.3127, 0.3290$.

A 20% lighter version of the original color is $95.2327, 0.3291, 0.3505$, and $31.7160, 0.3979, 0.3534$ is the 20% darker color. If you saturate the color by 10%, you get $53.5474, 0.4106, 0.3568$, and if you desaturate by 10%, it is $72.5909, 0.3551, 0.3432$.

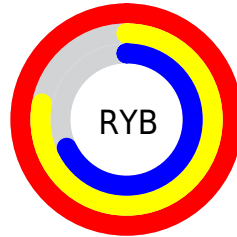
Distribution



Red (100%)

Green (76%)

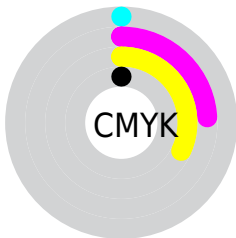
Blue (68%)



Red (100%)

Yellow (78%)

Blue (68%)

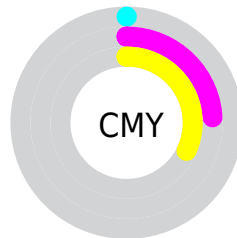


Cyan (0%)

Magenta (24%)

Yellow (32%)

Black (0%)



Cyan (0%)


Magenta (24%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.4171, 0.3806, 0.3501 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 62.4171, 0.3806, 0.3501 by changing the saturation by 10% instead.


 62.4171, 0.3806,
0.3501

 62.4171, 0.3806,
0.3501


433.4509, 0.3480,
0.3410

 45.3698, 0.3883,
0.3520


 108.3281, 0.3691,
0.3471

 31.7488, 0.3980,
0.3542


137.9607, 0.3646,
0.3459

 21.1697, 0.4104,
0.3568

172.5571, 0.3609,
0.3448

 13.2481, 0.4269,
0.3598

212.5017, 0.3576,
0.3439

 7.5996, 0.4498,
0.3631

258.1790, 0.3547,
0.3430

 3.8398, 0.4835,
0.3660


309.9734, 0.3522,

 1.5844, 0.5555,


0.3423


0.3785

368.2692, 0.3500,
0.3416

 0.3470, 0.6994,
0.3006


 0.0000, 0.0000,
0.0000


 62.4171, 0.3806,
0.3501


 62.4171, 0.3806,
0.3501


 53.5474, 0.4106,
0.3568


 72.5909, 0.3551,
0.3432

 45.9220, 0.4453,
0.3627

 84.1128, 0.3338,
0.3366

 39.4859, 0.4838,
0.3669

 97.0323, 0.3161,
0.3303

 34.1772, 0.5239,
0.3684

100.0000, 0.3127,
0.3290

■ 29.9279, 0.5620,
0.3660

■ 26.6620, 0.5936,
0.3594

■ 24.7248, 0.6121,
0.3522

Harmonies

Analogous

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



62.4171, 0.3658, 0.3218



62.4171, 0.3806, 0.3501



62.4171, 0.3759, 0.3751

Triad

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



62.4171, 0.3806, 0.3501



62.4171, 0.2877, 0.3653



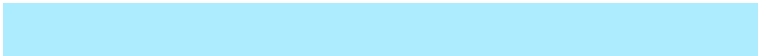
62.4171, 0.2711, 0.2727

Complementary

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



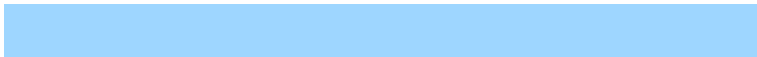
62.4171, 0.3806, 0.3501



75.5269, 0.2639, 0.3067

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.



62.4171, 0.2526, 0.2805



62.4171, 0.3806, 0.3501



62.4171, 0.2617, 0.3332

Square

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



62.4171, 0.3806, 0.3501



62.4171, 0.3212, 0.3865



62.4171, 0.2493, 0.3019



62.4171, 0.3012, 0.2787

Rectangle

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



62.4171, 0.3806, 0.3501



62.4171, 0.3627, 0.3863



62.4171, 0.2493, 0.3019



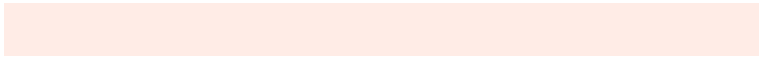
62.4171, 0.2634, 0.2738

Sweetspot

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



62.4192, 0.3806, 0.3501



86.7737, 0.3297, 0.3352



57.2002, 0.3316, 0.2660



18.1996, 0.3324, 0.3361



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.



62.4192, 0.3806, 0.3501



56.2068, 0.4007, 0.3547



82.6327, 0.3678, 0.3898



18.7062, 0.3288, 0.3349



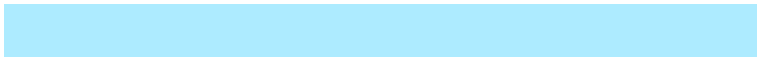
13.1127, 0.6094, 0.3543



1.4389, 0.5878, 0.3715

Inverse Universe

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



75.5269, 0.2639, 0.3067



71.2552, 0.2543, 0.3011



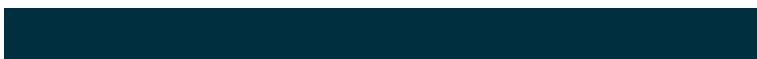
55.0800, 0.2581, 0.2596



19.6868, 0.2980, 0.3231



23.9061, 0.2022, 0.2479



2.4981, 0.2051, 0.2583

Previews

White Background



This preview shows how the Yxy color 62.4171, 0.3806, 0.3501 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 62.4171, 0.3806, 0.3501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

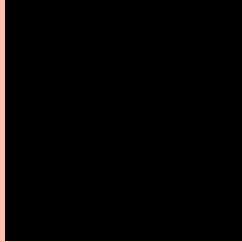
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.4171, 0.3806, 0.3501

Background



This preview shows how black text looks on a background with the Yxy color 62.4171, 0.3806, 0.3501.



This preview shows how white text looks on a background with the Yxy color 62.4171, 0.3806, 0.3501.

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

62.4171, 0.3806, 0.3501

Protanopia

62.6726, 0.3400, 0.3602

Deuteranopia

62.3507, 0.3670, 0.3586



Tritanopia

62.3987, 0.3563, 0.3157

Trichromacy



Original Color

62.4171, 0.3806, 0.3501

Protanomaly

62.4043, 0.3548, 0.3570

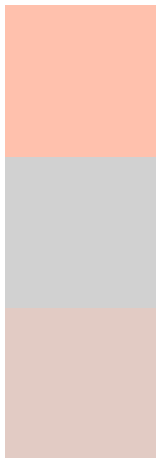
Deuteranomaly

62.3235, 0.3718, 0.3561

Tritanomaly

62.3274, 0.3653, 0.3281

Monochromacy



Original Color

62.4171, 0.3806, 0.3501

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

62.8661, 0.3359, 0.3369

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.4171, 0.3806, 0.3501 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, 193, 173)` looks like.

```
.text, #text, p{  
    color:rgb(255, 193, 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, 193, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 193, 173) }
```

Border

The CSS property to change the border of an element to Yxy 62.4171, 0.3806, 0.3501 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, 193, 173) }
```

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

```
.border{ border-color:rgb(255, 193, 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, 193, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 193, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 193, 173);  
box-shadow:4px 4px 4px 4px rgb(255, 193,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 62.4171, 0.3806, 0.3501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 193, 173) }
```

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

```
.background{ background-color: rgb(255,  
193, 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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