

Converting Colors

$Y_{xy}(57.5259, 0.4018, 0.3615)$

Have a look what the booklet for
Yxy(57.5259, 0.4018, 0.3615)
contains.

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Color

Yxy(57.4269, 0.4015, 0.3607)

Conversions

Conversions Part 1

Format	Color
Hex	FFB799
RGB	255, 183, 153
RGB Percent	100%, 72%, 60%
CMY	0.0000, 0.2823, 0.3999
CMYK	0.00, 0.28, 0.40, 0.00
HSL	18°, 100%, 80%
HSV	18°, 40%, 100%
XYZ	63.9227, 57.4269, 37.8600
YIQ	201.1080, 52.5420, 5.9340

Conversions

Conversions Part 2

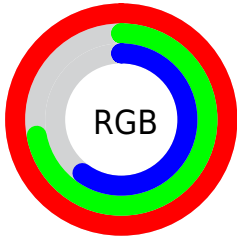
Format	Color
R_{YB}	255, 196, 153
Decimal	16758681
CIE _{Lab}	80.42, 22.47, 25.60
CIE _{LCh}	80, 34.063, 48.728
Yxy	57.4269, 0.4015, 0.3607
Android (android.graphics.Color)	4294948761 (0xFFFFB799)
YUV	201.1080, -23.7172, 47.2633
Hunter-Lab	75.7805, 17.9530, 23.4250

Details

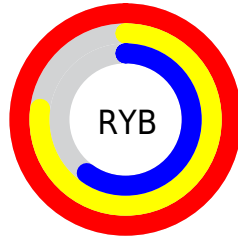
The Yxy color **57.4269, 0.4015, 0.3607** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **67.8465, 0.2520, 0.2942**, and the grayscale version is **58.6069, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.4980, 0.3439, 0.3610**, and **28.6603, 0.4241, 0.3667** is the 20% darker color. If you saturate the color by 10%, you get **49.7178, 0.4336, 0.3682**, and if you desaturate by 10%, it is **66.2713, 0.3735, 0.3526**.

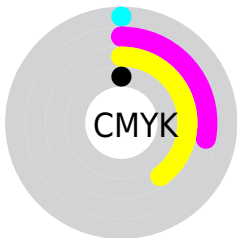
Distribution



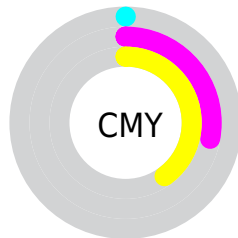
- Red (100%)
- Green (72%)
- Blue (60%)



- Red (100%)
- Yellow (77%)
- Blue (60%)



- Cyan (0%)
- Magenta (28%)
- Yellow (40%)
- Black (0%)





- Cyan (0%)
- Magenta (28%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.4269, 0.4015, 0.3607 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 57.4269, 0.4015, 0.3607 by changing the saturation by 10% instead.


 57.4269, 0.4015,
0.3607


 57.4269, 0.4015,
0.3607


415.0470, 0.3583,
0.3471

 41.3481, 0.4118,
0.3634


 101.0878, 0.3862,
0.3562

 28.5912, 0.4247,
0.3666


 129.4387, 0.3803,
0.3544

 18.7718, 0.4413,
0.3701


162.6491, 0.3753,
0.3528

 11.5055, 0.4633,
0.3739

201.1034, 0.3710,
0.3514

 6.4079, 0.4935,
0.3773

245.1859, 0.3672,
0.3501

 3.0947, 0.5385,
0.3793

295.2811, 0.3639,

 1.1814, 0.6200,

0.3490

0.3800

351.7733, 0.3610,
0.3480

0.0464, 0.9274,
0.0726

0.0000, 0.0000,
0.0000

57.4269, 0.4015,
0.3607

57.4269, 0.4015,
0.3607

49.7178, 0.4336,
0.3682

66.2713, 0.3735,
0.3526

43.0882, 0.4694,
0.3740

76.2870, 0.3497,
0.3443

37.4902, 0.5071,
0.3771

87.5186, 0.3296,
0.3364

32.8683, 0.5439,
0.3762

99.9987, 0.3127,
0.3290

■ 29.1610, 0.5762,
0.3706

■ 26.2918, 0.6009,
0.3611

■ 26.2895, 0.6009,
0.3611

Harmonies

Analogous

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



57.4269, 0.3865, 0.3250



57.4269, 0.4015, 0.3607



57.4269, 0.3906, 0.3918

Triad

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



57.4269, 0.4015, 0.3607



57.4269, 0.2735, 0.3700



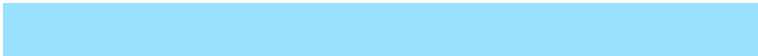
57.4269, 0.2647, 0.2577

Complementary

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



57.4269, 0.4015, 0.3607



67.8465, 0.2520, 0.2942

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.



57.4269, 0.2388, 0.2637



57.4269, 0.4015, 0.3607



57.4269, 0.2434, 0.3264

Square

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



57.4269, 0.4015, 0.3607



57.4269, 0.3155, 0.4016



57.4269, 0.2313, 0.2875



57.4269, 0.3049, 0.2681

Rectangle

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



57.4269, 0.4015, 0.3607



57.4269, 0.3710, 0.4052



57.4269, 0.2313, 0.2875



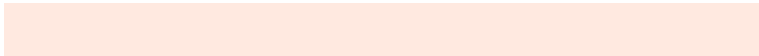
57.4269, 0.2542, 0.2577

Sweetspot

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



57.4297, 0.4015, 0.3607



85.1675, 0.3334, 0.3380



49.5440, 0.3421, 0.2554



17.9072, 0.3359, 0.3390



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.



57.4297, 0.4015, 0.3607



51.1683, 0.4269, 0.3668



81.7799, 0.3809, 0.4093



18.8574, 0.3287, 0.3361



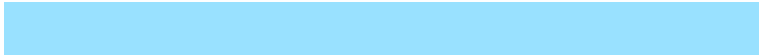
13.9608, 0.5980, 0.3634



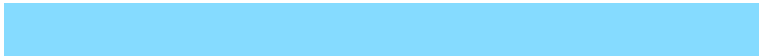
1.5389, 0.5759, 0.3809

Inverse Universe

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



67.8465, 0.2520, 0.2942



62.8392, 0.2411, 0.2859



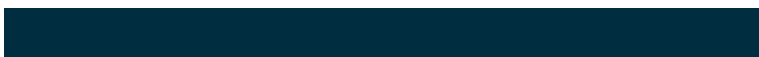
44.6979, 0.2424, 0.2328



19.5261, 0.2980, 0.3218



21.1023, 0.1972, 0.2300



2.2443, 0.2007, 0.2426

Previews

White Background



This preview shows how the Yxy color 57.4269, 0.4015, 0.3607 looks on a white background.

Color Contrast Check

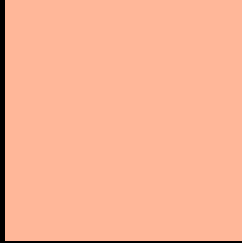
Large Text (above 18pt) WCAG AA × Fail

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 57.4269, 0.4015, 0.3607 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

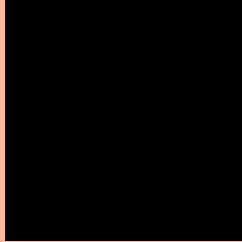
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.4269, 0.4015, 0.3607

Background



This preview shows how black text looks on a background with the Yxy color 57.4269, 0.4015, 0.3607.

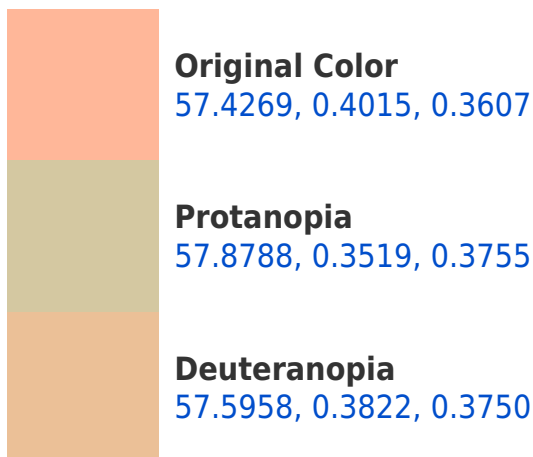


This preview shows how white text looks on a background with the Yxy color 57.4269, 0.4015, 0.3607.

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

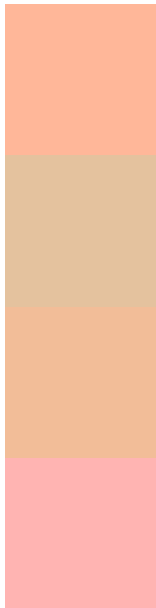




Tritanopia

57.3060, 0.3683, 0.3156

Trichromacy



Original Color

57.4269, 0.4015, 0.3607

Protanomaly

57.5462, 0.3697, 0.3702

Deuteranomaly

57.5394, 0.3886, 0.3697

Tritanomaly

57.1169, 0.3805, 0.3313

Monochromacy



Original Color

57.4269, 0.4015, 0.3607

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.4164, 0.3427, 0.3406

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.4269, 0.4015, 0.3607 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, 183, 153)` looks like.

```
.text, #text, p{  
    color:rgb(255, 183, 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, 183, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 183, 153) }
```

Border

The CSS property to change the border of an element to Yxy 57.4269, 0.4015, 0.3607 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, 183, 153) }
```

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

```
.border{ border-color:rgb(255, 183, 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, 183, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 183, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 183, 153);  
box-shadow:4px 4px 4px 4px rgb(255, 183,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 57.4269, 0.4015, 0.3607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 183, 153) }
```

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

```
.background{ background-color: rgb(255,  
183, 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](#).

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