

Converting Colors

$Y_{xy}(70.8702, 0.4477, 0.3591)$

Have a look what the booklet for
Yxy(70.8702, 0.4477, 0.3591)
contains.

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Color

Yxy(58.6122, 0.4019, 0.3659)

Conversions

Conversions Part 1

Format	Color
Hex	FFBA97
RGB	255, 186, 151
RGB Percent	100%, 73%, 59%
CMY	0.0001, 0.2705, 0.4079
CMYK	0.00, 0.27, 0.41, 0.00
HSL	20°, 100%, 80%
HSV	20°, 41%, 100%
XYZ	64.3789, 58.6122, 37.1953
YIQ	202.6410, 52.3590, 3.7430

Conversions

Conversions Part 2

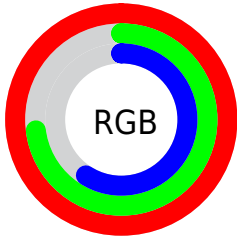
Format	Color
R _Y B	255, 204, 151
Decimal	16759447
CIE Lab	81.08, 20.67, 27.57
CIE LCh	81, 34.454, 53.137
Yxy	58.6122, 0.4019, 0.3659
Android (android.graphics.Color)	4294949527 (0xFFFFBA97)
YUV	202.6410, -25.4590, 45.9188
Hunter-Lab	76.5586, 16.1249, 24.7855

Details

The Yxy color **58.6122, 0.4019, 0.3659** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **64.9619, 0.2501, 0.2881**, and the grayscale version is **59.6231, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.1720, 0.3447, 0.3659**, and **29.4309, 0.4242, 0.3732** is the 20% darker color. If you saturate the color by 10%, you get **51.1649, 0.4330, 0.3744**, and if you desaturate by 10%, it is **67.0875, 0.3745, 0.3566**.

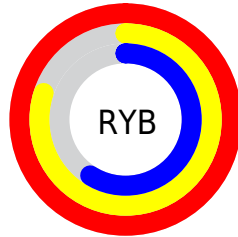
Distribution



Red (100%)

Green (73%)

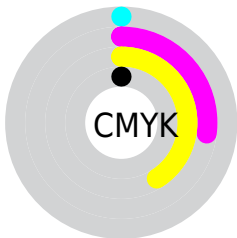
Blue (59%)



Red (100%)

Yellow (80%)

Blue (59%)

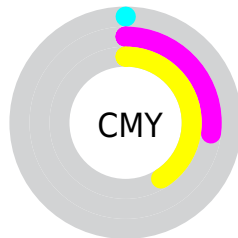


Cyan (0%)

Magenta (27%)

Yellow (41%)

Black (0%)



Cyan (0%)


Magenta (27%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.6122, 0.4019, 0.3659 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 58.6122, 0.4019, 0.3659 by changing the saturation by 10% instead.


 58.6122, 0.4019,
0.3659

 58.6122, 0.4019,
0.3659


419.4633, 0.3588,
0.3499

 42.3010, 0.4121,
0.3692


 102.8138, 0.3866,
0.3606

 29.3371, 0.4249,
0.3730


 131.4731, 0.3808,
0.3585

 19.3360, 0.4412,
0.3773


165.0171, 0.3758,
0.3566

 11.9133, 0.4626,
0.3821

203.8304, 0.3714,
0.3549

 6.6847, 0.4919,
0.3868

248.2972, 0.3677,
0.3535

 3.2657, 0.5354,
0.3911

298.8020, 0.3643,

 1.2720, 0.6079,

0.3521

0.3921

355.7293, 0.3614,
0.3509

0.1193, 0.8381,
0.1619

0.0000, 0.0000,
0.0000

58.6122, 0.4019,
0.3659

58.6122, 0.4019,
0.3659

51.1649, 0.4330,
0.3744

67.0875, 0.3745,
0.3566

44.6962, 0.4672,
0.3811

76.6209, 0.3510,
0.3473

39.1650, 0.5029,
0.3848

87.2515, 0.3309,
0.3382

34.5232, 0.5376,
0.3842

99.0138, 0.3139,
0.3296

■ 30.7179, 0.5680,
0.3785

99.9962, 0.3127,
0.3290

■ 27.8919, 0.5902,
0.3695

Harmonies

Analogous

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



58.6122, 0.3907, 0.3302



58.6122, 0.4019, 0.3659



58.6122, 0.3873, 0.3957

Triad

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



58.6122, 0.4019, 0.3659



58.6122, 0.2680, 0.3641



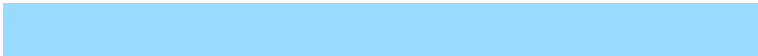
58.6122, 0.2697, 0.2579

Complementary

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



58.6122, 0.4019, 0.3659



64.9619, 0.2501, 0.2881

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.



58.6122, 0.2412, 0.2614



58.6122, 0.4019, 0.3659



58.6122, 0.2401, 0.3199

Square

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



58.6122, 0.4019, 0.3659



58.6122, 0.3089, 0.3987



58.6122, 0.2309, 0.2827



58.6122, 0.3115, 0.2706

Rectangle

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



58.6122, 0.4019, 0.3659



58.6122, 0.3659, 0.4074



58.6122, 0.2309, 0.2827



58.6122, 0.2584, 0.2572

Sweetspot

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



58.6150, 0.4019, 0.3659



85.9119, 0.3332, 0.3393



48.5718, 0.3477, 0.2588



18.0816, 0.3357, 0.3404



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.



58.6150, 0.4019, 0.3659



52.4285, 0.4272, 0.3730



84.4352, 0.3803, 0.4155



18.9867, 0.3286, 0.3371



14.8222, 0.5873, 0.3719



1.6354, 0.5654, 0.3893

Inverse Universe

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



64.9619, 0.2501, 0.2881



59.5168, 0.2385, 0.2782



41.9231, 0.2398, 0.2241



19.3903, 0.2980, 0.3208



18.9095, 0.1930, 0.2146



2.0431, 0.1970, 0.2292

Previews

White Background



This preview shows how the Yxy color 58.6122, 0.4019, 0.3659 looks on a white background.

Color Contrast Check

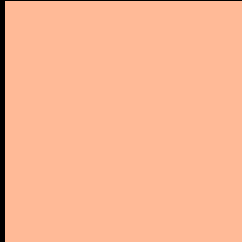
Large Text (above 18pt) WCAG AA × Fail

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 58.6122, 0.4019, 0.3659 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

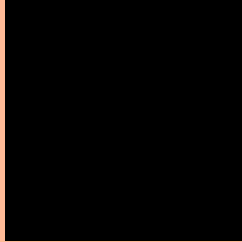
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.6122, 0.4019, 0.3659

Background



This preview shows how black text looks on a background with the Yxy color 58.6122, 0.4019, 0.3659.



This preview shows how white text looks on a background with the Yxy color 58.6122, 0.4019, 0.3659.

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

58.6122, 0.4019, 0.3659

Protanopia

58.6890, 0.3564, 0.3798

Deuteranopia

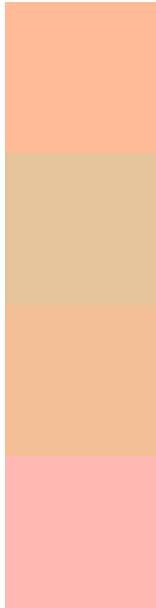
58.5191, 0.3852, 0.3767



Tritanopia

58.6109, 0.3658, 0.3166

Trichromacy



Original Color

58.6122, 0.4019, 0.3659

Protanomaly

58.6694, 0.3731, 0.3756

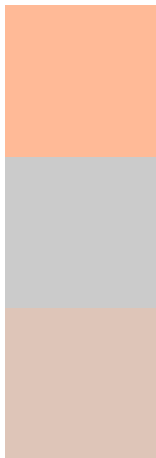
Deuteranomaly

58.2620, 0.3916, 0.3726

Tritanomaly

58.3413, 0.3796, 0.3344

Monochromacy



Original Color

58.6122, 0.4019, 0.3659

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

58.9228, 0.3429, 0.3440

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.6122, 0.4019, 0.3659 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, 186, 151)` looks like.

```
.text, #text, p{  
    color:rgb(255, 186, 151)  
}
```

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, 186, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 186, 151) }
```

Border

The CSS property to change the border of an element to Yxy 58.6122, 0.4019, 0.3659 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, 186, 151) }
```

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

```
.border{ border-color:rgb(255, 186, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 186, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 186, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 186, 151);  
box-shadow:4px 4px 4px 4px rgb(255, 186,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 58.6122, 0.4019, 0.3659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 186, 151) }
```

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

```
.background{ background-color: rgb(255,  
186, 151) }
```

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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