

Converting Colors

$Y_{xy}(60.0205, 0.3988, 0.3670)$

Have a look what the booklet for
Yxy(60.0205, 0.3988, 0.3670)
contains.

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Color

Yxy(59.9551, 0.3989, 0.3669)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | FFBD99 |
| RGB | 255, 189, 153 |
| RGB Percent | 100%, 74%, 60% |
| CMY | 0.0000, 0.2588, 0.4000 |
| CMYK | 0.00, 0.26, 0.40, 0.00 |
| HSL | 21°, 100%, 80% |
| HSV | 21°, 40%, 100% |
| XYZ | 65.1842, 59.9551, 38.2706 |
| YIQ | 204.6300, 50.8920, 2.7960 |

Conversions

Conversions Part 2

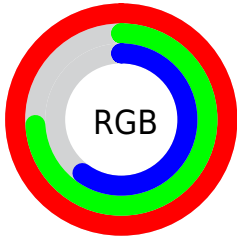
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 255, 209, 153 |
| Decimal | 16760217 |
| CIE Lab | 81.81, 19.32, 27.50 |
| CIE LCh | 82, 33.608, 54.909 |
| Yxy | 59.9551, 0.3989, 0.3669 |
| Android (android.graphics.Color) | 4294950297 (0xFFFFBD99) |
| YUV | 204.6300, -25.4536, 44.1745 |
| Hunter-Lab | 77.4307, 14.7647, 24.8970 |

Details

The Yxy color **59.9551, 0.3989, 0.3669** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **64.6399, 0.2509, 0.2870**, and the grayscale version is **60.9447, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.1189, 0.3423, 0.3657**, and **30.0230, 0.4206, 0.3733** is the 20% darker color. If you saturate the color by 10%, you get **52.5055, 0.4292, 0.3759**, and if you desaturate by 10%, it is **68.3975, 0.3722, 0.3572**.

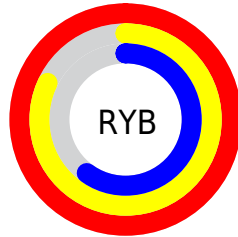
Distribution



Red (100%)

Green (74%)

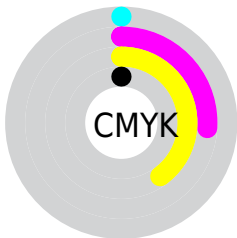
Blue (60%)



Red (100%)

Yellow (82%)

Blue (60%)

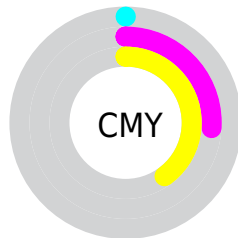


Cyan (0%)

Magenta (26%)

Yellow (40%)

Black (0%)



Cyan (0%)


Magenta (26%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.9551, 0.3989, 0.3669 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 59.9551, 0.3989, 0.3669 by changing the saturation by 10% instead.


 59.9551, 0.3989,
0.3669


 59.9551, 0.3989,
0.3669


424.4323, 0.3574,
0.3503

 43.3824, 0.4087,
0.3703

 104.7645, 0.3842,
0.3614

 30.1853, 0.4209,
0.3743


 133.7701, 0.3786,
0.3592

 19.9793, 0.4364,
0.3790


167.6888, 0.3738,
0.3573

 12.3800, 0.4569,
0.3842

206.9049, 0.3696,
0.3555

 7.0030, 0.4847,
0.3897

251.8029, 0.3660,
0.3540

 3.4640, 0.5249,
0.3946

302.7672, 0.3628,

 1.3785, 0.5981,

0.3527

0.4019

360.1822, 0.3599,
0.3514

0.2008, 0.7674,
0.2326

0.0000, 0.0000,
0.0000

59.9551, 0.3989,
0.3669

59.9551, 0.3989,
0.3669

52.5055, 0.4292,
0.3759

68.3975, 0.3722,
0.3572

46.0017, 0.4625,
0.3832

77.8604, 0.3491,
0.3474

40.4052, 0.4975,
0.3875

88.3808, 0.3294,
0.3379

35.6712, 0.5316,
0.3876

99.9912, 0.3127,
0.3290

■ 31.7498, 0.5618,
0.3825

99.9981, 0.3127,
0.3290

■ 28.5778, 0.5859,
0.3730

Harmonies

Analogous

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



59.9551, 0.3895, 0.3323



59.9551, 0.3989, 0.3669



59.9551, 0.3835, 0.3950

Triad

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



59.9551, 0.3989, 0.3669



59.9551, 0.2674, 0.3605



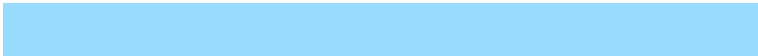
59.9551, 0.2732, 0.2603

Complementary

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



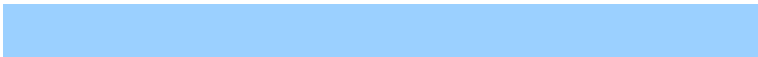
59.9551, 0.3989, 0.3669



64.6399, 0.2509, 0.2870

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.



59.9551, 0.2445, 0.2628



59.9551, 0.3989, 0.3669



59.9551, 0.2413, 0.3179

Square

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



59.9551, 0.3989, 0.3669



59.9551, 0.3066, 0.3949



59.9551, 0.2333, 0.2826



59.9551, 0.3142, 0.2735

Rectangle

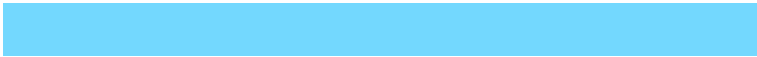
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



59.9551, 0.3989, 0.3669



59.9551, 0.3622, 0.4055



59.9551, 0.2333, 0.2826



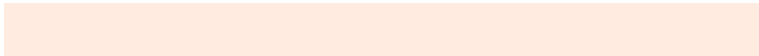
59.9551, 0.2619, 0.2593

Sweetspot

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



59.9580, 0.3989, 0.3669



86.1980, 0.3331, 0.3398



49.1685, 0.3484, 0.2617



18.1487, 0.3356, 0.3410



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.



59.9580, 0.3989, 0.3669



53.9235, 0.4229, 0.3742



85.6961, 0.3783, 0.4154



19.0364, 0.3285, 0.3375



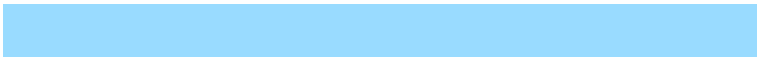
15.1870, 0.5829, 0.3753



1.6752, 0.5612, 0.3926

Inverse Universe

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



64.6399, 0.2509, 0.2870



59.1498, 0.2394, 0.2769



42.1048, 0.2410, 0.2243



19.3386, 0.2980, 0.3204



18.1165, 0.1913, 0.2088



1.9697, 0.1956, 0.2240

Previews

White Background



This preview shows how the Yxy color 59.9551, 0.3989, 0.3669 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 59.9551, 0.3989, 0.3669 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

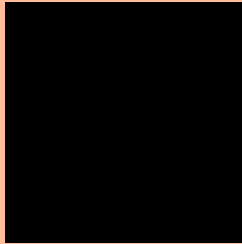
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.9551, 0.3989, 0.3669

Background



This preview shows how black text looks on a background with the Yxy color 59.9551, 0.3989, 0.3669.



This preview shows how white text looks on a background with the Yxy color 59.9551, 0.3989, 0.3669.

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

59.9551, 0.3989, 0.3669

Protanopia

60.0017, 0.3560, 0.3793

Deuteranopia

59.8225, 0.3845, 0.3763



Tritanopia

60.0351, 0.3616, 0.3156

Trichromacy



Original Color

59.9551, 0.3989, 0.3669

Protanomaly

59.8114, 0.3717, 0.3753

Deuteranomaly

59.8194, 0.3895, 0.3735

Tritanomaly

59.7552, 0.3751, 0.3334

Monochromacy



Original Color

59.9551, 0.3989, 0.3669

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.0800, 0.3418, 0.3439

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.9551, 0.3989, 0.3669 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, 189, 153)` looks like.

```
.text, #text, p{  
    color:rgb(255, 189, 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, 189, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 189, 153) }
```

Border

The CSS property to change the border of an element to Yxy 59.9551, 0.3989, 0.3669 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, 189, 153) }
```

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

```
.border{ border-color:rgb(255, 189, 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, 189, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 189, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 189, 153);  
box-shadow:4px 4px 4px 4px rgb(255, 189,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 59.9551, 0.3989, 0.3669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 189, 153) }
```

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

```
.background{ background-color: rgb(255,  
189, 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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