

Converting Colors

$Y_{xy}(112.8979, 0.4587, 0.3500)$

Have a look what the booklet for
Yxy(112.8979, 0.4587, 0.3500)
contains.

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Color

Yxy(75.5539, 0.3613, 0.3609)

Conversions

Conversions Part 1

Format	Color
Hex	FFDBBC
RGB	255, 219, 188
RGB Percent	100%, 86%, 74%
CMY	0.0001, 0.1411, 0.2629
CMYK	0.00, 0.14, 0.26, 0.00
HSL	28°, 100%, 87%
HSV	28°, 26%, 100%
XYZ	75.6376, 75.5539, 58.1570
YIQ	226.2300, 31.4070, -2.0090

Conversions

Conversions Part 2

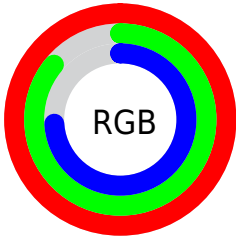
Format	Color
R _Y B	255, 246, 188
Decimal	16767932
CIE Lab	89.65, 7.95, 19.89
CIE LCh	90, 21.416, 68.215
Yxy	75.5539, 0.3613, 0.3609
Android (android.graphics.Color)	4294958012 (0xFFFFDBBC)
YUV	226.2300, -18.8474, 25.2313
Hunter-Lab	86.9217, 3.2142, 21.1759

Details

The Yxy color **75.5539, 0.3613, 0.3609** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **71.1750, 0.2709, 0.2948**, and the grayscale version is **76.3491, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3117, 0.3191, 0.3396**, and **40.1705, 0.3719, 0.3673** is the 20% darker color. If you saturate the color by 10%, you get **67.7047, 0.3847, 0.3736**, and if you desaturate by 10%, it is **84.1910, 0.3407, 0.3483**.

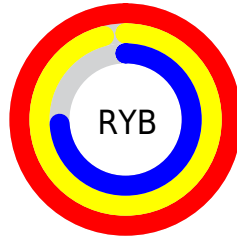
Distribution



Red (100%)

Green (86%)

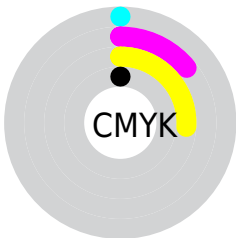
Blue (74%)



Red (100%)

Yellow (96%)

Blue (74%)

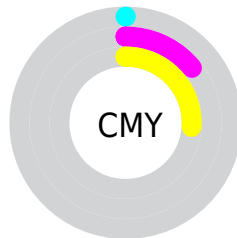


Cyan (0%)

Magenta (14%)

Yellow (26%)

Black (0%)



Cyan (0%)


Magenta (14%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.5539, 0.3613, 0.3609 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 75.5539, 0.3613, 0.3609 by changing the saturation by 10% instead.


 75.5539, 0.3613,
0.3609

 75.5539, 0.3613,
0.3609


479.8192, 0.3389,
0.3466

 56.0668, 0.3664,
0.3640


 127.0961, 0.3535,
0.3560

 40.2565, 0.3727,
0.3678


159.9200, 0.3505,
0.3541

 27.7386, 0.3806,
0.3725


197.9583, 0.3479,
0.3525

 18.1287, 0.3908,
0.3784

241.5954, 0.3456,
0.3510

 11.0424, 0.4046,
0.3860

291.2156, 0.3436,
0.3497

 6.0954, 0.4239,
0.3961

347.2034, 0.3419,

 2.9032, 0.4526,

0.3486

0.4094

409.9431, 0.3403,
0.3475

■ 1.0814, 0.5393,
0.4607

■ 0.0000, 1.0000,
0.0000

■ 75.5539, 0.3613,
0.3609

■ 75.5539, 0.3613,
0.3609

■ 67.7047, 0.3847,
0.3736

■ 84.1910, 0.3407,
0.3483

■ 60.6089, 0.4107,
0.3858

■ 93.6286, 0.3227,
0.3362

■ 54.2440, 0.4390,
0.3966

99.9942, 0.3127,
0.3290

■ 48.5826, 0.4685,
0.4047

■ 43.5949, 0.4977,
0.4089

■ 39.2478, 0.5245,
0.4079

■ 35.5035, 0.5470,
0.4013

■ 34.2483, 0.5545,
0.3979

Harmonies

Analogous

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



75.5539, 0.3620, 0.3415



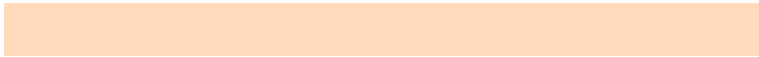
75.5539, 0.3613, 0.3609



75.5539, 0.3472, 0.3728

Triad

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



75.5539, 0.3613, 0.3609



75.5539, 0.2775, 0.3369



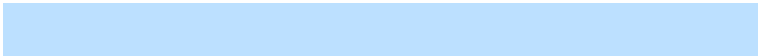
75.5539, 0.2998, 0.2894

Complementary

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



75.5539, 0.3613, 0.3609



71.1750, 0.2709, 0.2948

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.



75.5539, 0.2783, 0.2870



75.5539, 0.3613, 0.3609



75.5539, 0.2659, 0.3132

Square

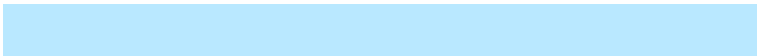
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.5539, 0.3613, 0.3609



75.5539, 0.2986, 0.3592



75.5539, 0.2662, 0.2952



75.5539, 0.3256, 0.3014

Rectangle

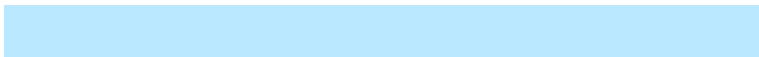
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.5539, 0.3613, 0.3609



75.5539, 0.3324, 0.3741



75.5539, 0.2662, 0.2952



75.5539, 0.2919, 0.2875

Sweetspot

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



75.5574, 0.3613, 0.3609



91.9688, 0.3257, 0.3383



62.6352, 0.3388, 0.2916



19.3745, 0.3283, 0.3400



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.



75.5574, 0.3613, 0.3609



70.9881, 0.3743, 0.3682



94.2660, 0.3534, 0.3919



19.3745, 0.3283, 0.3400



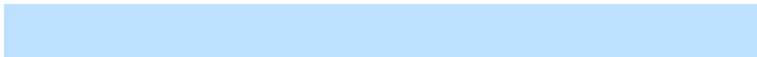
18.1920, 0.5518, 0.4001



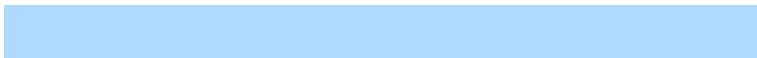
1.9872, 0.5329, 0.4151

Inverse Universe

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



71.1750, 0.2709, 0.2948



65.8710, 0.2616, 0.2861



55.3081, 0.2673, 0.2572



18.9922, 0.2979, 0.3177



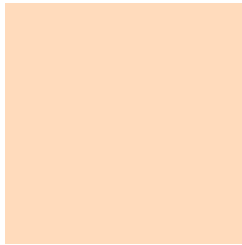
13.3979, 0.1805, 0.1698



1.5232, 0.1859, 0.1893

Previews

White Background



This preview shows how the Yxy color 75.5539, 0.3613, 0.3609 looks on a white background.

Color Contrast Check

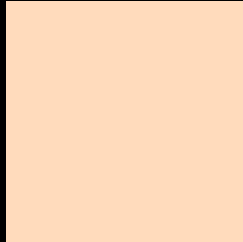
Large Text (above 18pt) WCAG AA × Fail

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 75.5539, 0.3613, 0.3609 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

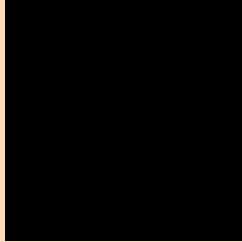
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.5539, 0.3613, 0.3609

Background



This preview shows how black text looks on a background with the Yxy color 75.5539, 0.3613, 0.3609.



This preview shows how white text looks on a background with the Yxy color 75.5539, 0.3613, 0.3609.

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

75.5539, 0.3613, 0.3609

Protanopia

75.6165, 0.3442, 0.3653

Deuteranopia

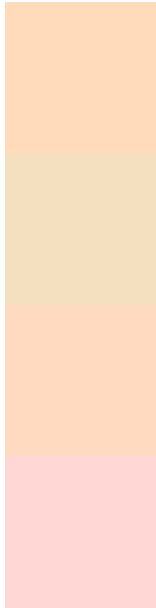
75.3429, 0.3565, 0.3526



Tritanopia

75.5180, 0.3324, 0.3150

Trichromacy



Original Color

75.5539, 0.3613, 0.3609

Protanomaly

75.7262, 0.3506, 0.3637

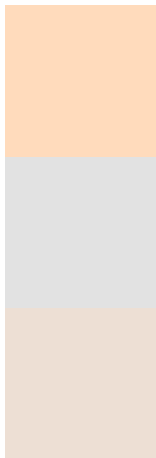
Deuteranomaly

75.2086, 0.3586, 0.3557

Tritanomaly

75.2268, 0.3430, 0.3311

Monochromacy



Original Color

75.5539, 0.3613, 0.3609

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.5333, 0.3301, 0.3406

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.5539, 0.3613, 0.3609 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, 219, 188)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 188)  
}
```

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, 219, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 188) }
```

Border

The CSS property to change the border of an element to Yxy 75.5539, 0.3613, 0.3609 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, 219, 188) }
```

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

```
.border{ border-color:rgb(255, 219, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 219, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 219, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 219, 188);  
box-shadow:4px 4px 4px 4px rgb(255, 219,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 75.5539, 0.3613, 0.3609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 219, 188) }
```

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

```
.background{ background-color: rgb(255,  
219, 188) }
```

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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