

Converting Colors

$Yxy(77.0309, 0.3691, 0.3597)$

Have a look what the booklet for
Yxy(77.0309, 0.3691, 0.3597)
contains.

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Color

Yxy(75.0336, 0.3616, 0.3599)

Conversions

Conversions Part 1

Format	Color
Hex	FFDABC
RGB	255, 218, 188
RGB Percent	100%, 85%, 74%
CMY	0.0000, 0.1451, 0.2629
CMYK	0.00, 0.15, 0.26, 0.00
HSL	27°, 100%, 87%
HSV	27°, 26%, 100%
XYZ	75.3880, 75.0336, 58.0630
YIQ	225.6430, 31.6820, -1.4860

Conversions

Conversions Part 2

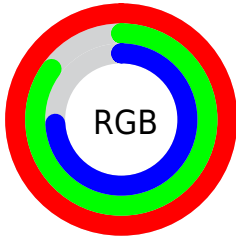
Format	Color
R _Y B	255, 242, 188
Decimal	16767676
CIE Lab	89.41, 8.49, 19.55
CIE LCh	89, 21.316, 66.542
Yxy	75.0336, 0.3616, 0.3599
Android (android.graphics.Color)	4294957756 (0xFFFFDABC)
YUV	225.6430, -18.5580, 25.7461
Hunter-Lab	86.6219, 3.7621, 20.8931

Details

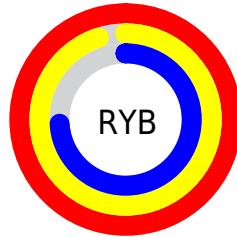
The Yxy color **75.0336, 0.3616, 0.3599** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **71.7322, 0.2710, 0.2959**, and the grayscale version is **75.8996, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3117, 0.3191, 0.3396**, and **39.8140, 0.3723, 0.3660** is the 20% darker color. If you saturate the color by 10%, you get **67.0393, 0.3852, 0.3722**, and if you desaturate by 10%, it is **83.8441, 0.3408, 0.3477**.

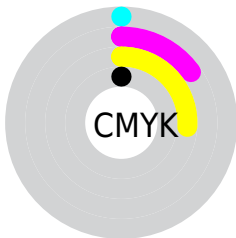
Distribution



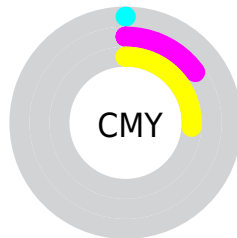
- Red (100%)
- Green (85%)
- Blue (74%)



- Red (100%)
- Yellow (95%)
- Blue (74%)



- Cyan (0%)
- Magenta (15%)
- Yellow (26%)
- Black (0%)




- Cyan (0%)
- Magenta (15%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.0336, 0.3616, 0.3599 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 75.0336, 0.3616, 0.3599 by changing the saturation by 10% instead.


 75.0336, 0.3616,
0.3599

 75.0336, 0.3616,
0.3599


478.0330, 0.3390,
0.3461

 55.6404, 0.3667,
0.3629


 126.3599, 0.3538,
0.3552

 39.9147, 0.3731,
0.3666


159.0619, 0.3507,
0.3534

 27.4720, 0.3811,
0.3711


196.9688, 0.3481,
0.3517

 17.9281, 0.3915,
0.3768

240.4652, 0.3458,
0.3503

 10.8983, 0.4054,
0.3841

289.9355, 0.3438,
0.3491

 5.9985, 0.4251,
0.3938

345.7639, 0.3420,

 2.8442, 0.4545,

0.3480

0.4065

408.3350, 0.3404,
0.3470

1.0509, 0.5432,
0.4568

0.0000, 1.0000,
0.0000

75.0336, 0.3616,
0.3599

75.0336, 0.3616,
0.3599

67.0393, 0.3852,
0.3722

83.8441, 0.3408,
0.3477

59.8323, 0.4117,
0.3841

93.4917, 0.3228,
0.3360

53.3865, 0.4405,
0.3945

100.0000, 0.3127,
0.3290

47.6730, 0.4707,
0.4022

■ 42.6605, 0.5007,
0.4060

■ 38.3143, 0.5282,
0.4047

■ 34.5947, 0.5514,
0.3978

■ 33.3588, 0.5590,
0.3943

Harmonies

Analogous

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



75.0336, 0.3614, 0.3403



75.0336, 0.3616, 0.3599



75.0336, 0.3482, 0.3723

Triad

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



75.0336, 0.3616, 0.3599



75.0336, 0.2786, 0.3382



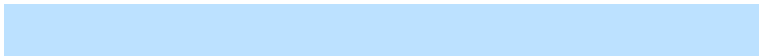
75.0336, 0.2985, 0.2891

Complementary

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



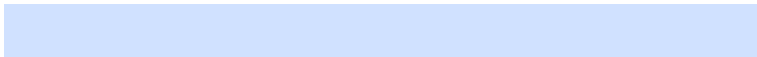
75.0336, 0.3616, 0.3599



71.7322, 0.2710, 0.2959

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.



75.0336, 0.2774, 0.2872



75.0336, 0.3616, 0.3599



75.0336, 0.2663, 0.3144

Square

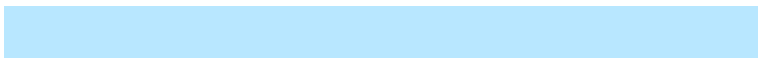
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.0336, 0.3616, 0.3599



75.0336, 0.3000, 0.3602



75.0336, 0.2659, 0.2961



75.0336, 0.3242, 0.3006

Rectangle

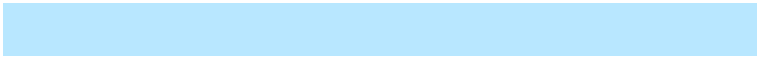
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.0336, 0.3616, 0.3599



75.0336, 0.3337, 0.3742



75.0336, 0.2659, 0.2961



75.0336, 0.2906, 0.2873

Sweetspot

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



75.0348, 0.3616, 0.3599



91.7817, 0.3257, 0.3380



62.6976, 0.3380, 0.2905



19.3274, 0.3283, 0.3397



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.



75.0348, 0.3616, 0.3599



70.3714, 0.3747, 0.3670



93.5906, 0.3536, 0.3909



19.3274, 0.3283, 0.3397



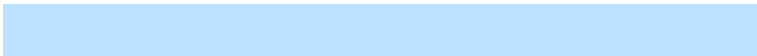
17.7186, 0.5562, 0.3965



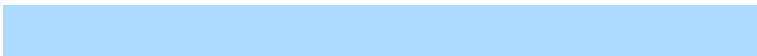
1.9395, 0.5368, 0.4120

Inverse Universe

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



71.7322, 0.2710, 0.2959



66.5156, 0.2618, 0.2875



55.7944, 0.2674, 0.2585



19.0398, 0.2979, 0.3181



13.9855, 0.1820, 0.1751



1.5800, 0.1872, 0.1940

Previews

White Background



This preview shows how the Yxy color 75.0336, 0.3616, 0.3599 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 75.0336, 0.3616, 0.3599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

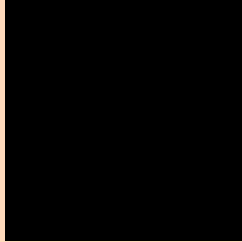
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.0336, 0.3616, 0.3599

Background



This preview shows how black text looks on a background with the Yxy color 75.0336, 0.3616, 0.3599.



This preview shows how white text looks on a background with the Yxy color 75.0336, 0.3616, 0.3599.

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

75.0336, 0.3616, 0.3599

Protanopia

75.0774, 0.3444, 0.3643

Deuteranopia

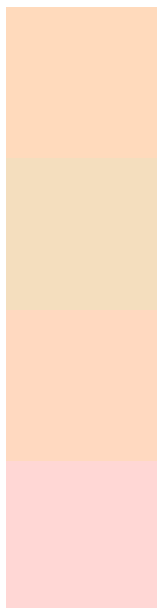
74.7808, 0.3574, 0.3527



Tritanopia

74.9546, 0.3332, 0.3150

Trichromacy



Original Color

75.0336, 0.3616, 0.3599

Protanomaly

75.1934, 0.3508, 0.3627

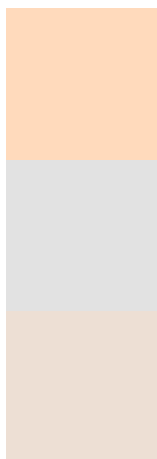
Deuteranomaly

74.6915, 0.3589, 0.3547

Tritanomaly

74.6650, 0.3439, 0.3311

Monochromacy



Original Color

75.0336, 0.3616, 0.3599

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 75.0336, 0.3616, 0.3599 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, 218, 188)` looks like.

```
.text, #text, p{  
    color:rgb(255, 218, 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, 218, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 218, 188) }
```

Border

The CSS property to change the border of an element to Yxy 75.0336, 0.3616, 0.3599 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, 218, 188) }
```

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

```
.border{ border-color:rgb(255, 218, 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, 218, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 218, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 218, 188);  
box-shadow:4px 4px 4px 4px rgb(255, 218,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 75.0336, 0.3616, 0.3599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 218, 188) }
```

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

```
.background{ background-color: rgb(255,  
218, 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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