

Converting Colors

$Yxy(78.2754, 0.3778, 0.3587)$

Have a look what the booklet for
Yxy(78.2754, 0.3778, 0.3587)
contains.

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Color

Yxy(74.4736, 0.3625, 0.3599)

Conversions

Conversions Part 1

Format	Color
Hex	FFD9BB
RGB	255, 217, 187
RGB Percent	100%, 85%, 73%
CMY	0.0002, 0.1489, 0.2666
CMYK	0.00, 0.15, 0.27, 0.00
HSL	26°, 100%, 87%
HSV	26°, 27%, 100%
XYZ	75.0116, 74.4736, 57.4434
YIQ	224.9420, 32.2780, -1.2740

Conversions

Conversions Part 2

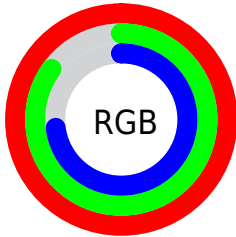
Format	Color
R _Y B	255, 241, 187
Decimal	16767419
CIE Lab	89.15, 8.85, 19.68
CIE LCh	89, 21.577, 65.794
Yxy	74.4736, 0.3625, 0.3599
Android (android.graphics.Color)	4294957499 (0xFFFFD9BB)
YUV	224.9420, -18.7054, 26.3609
Hunter-Lab	86.2981, 4.1333, 20.9429

Details

The Yxy color **74.4736, 0.3625, 0.3599** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **71.6079, 0.2705, 0.2959**, and the grayscale version is **75.3708, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2511, 0.3197, 0.3405**, and **39.4322, 0.3736, 0.3660** is the 20% darker color. If you saturate the color by 10%, you get **66.4541, 0.3864, 0.3721**, and if you desaturate by 10%, it is **83.3269, 0.3416, 0.3479**.

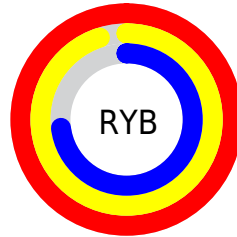
Distribution



Red (100%)

Green (85%)

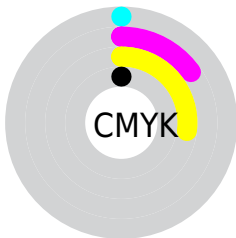
Blue (73%)



Red (100%)

Yellow (95%)

Blue (73%)

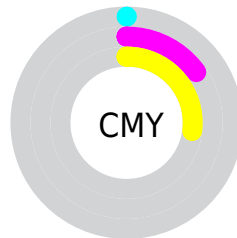


Cyan (0%)

Magenta (15%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.4736, 0.3625, 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 74.4736, 0.3625, 0.3599 by changing the saturation by 10% instead.


 74.4736, 0.3625,
0.3599

 74.4736, 0.3625,
0.3599


476.1063, 0.3394,
0.3461

 55.1818, 0.3678,
0.3629


 125.5669, 0.3545,
0.3552

 39.5473, 0.3742,
0.3666


158.1372, 0.3514,
0.3534

 27.1857, 0.3824,
0.3711


195.9024, 0.3487,
0.3517

 17.7128, 0.3930,
0.3768

239.2470, 0.3464,
0.3503

 10.7440, 0.4074,
0.3841

288.5552, 0.3443,
0.3491

 5.8949, 0.4276,
0.3937

344.2116, 0.3425,

 2.7813, 0.4577,

0.3480

0.4062

406.6005, 0.3409,
0.3470

■ 1.0186, 0.5460,
0.4540

■ 0.0000, 1.0000,
0.0000

■ 74.4736, 0.3625,
0.3599

■ 74.4736, 0.3625,
0.3599

■ 66.4541, 0.3864,
0.3721

■ 83.3269, 0.3416,
0.3479

■ 59.2320, 0.4131,
0.3837

■ 93.0285, 0.3234,
0.3363

■ 52.7828, 0.4422,
0.3939

99.9916, 0.3127,
0.3290

■ 47.0771, 0.4727,
0.4014

■ 42.0826, 0.5030,
0.4049

■ 37.7637, 0.5308,
0.4032

■ 34.0799, 0.5539,
0.3960

■ 32.9727, 0.5609,
0.3928

Harmonies

Analogous

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



74.4736, 0.3620, 0.3399



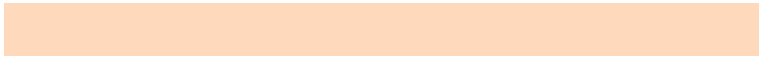
74.4736, 0.3625, 0.3599



74.4736, 0.3492, 0.3727

Triad

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



74.4736, 0.3625, 0.3599



74.4736, 0.2785, 0.3390



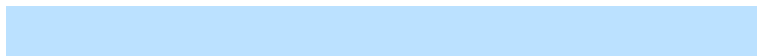
74.4736, 0.2976, 0.2884

Complementary

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



74.4736, 0.3625, 0.3599



71.6079, 0.2705, 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.



74.4736, 0.2765, 0.2867



74.4736, 0.3625, 0.3599



74.4736, 0.2658, 0.3148

Square

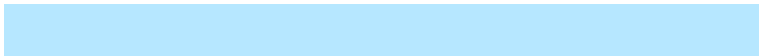
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.4736, 0.3625, 0.3599



74.4736, 0.3004, 0.3611



74.4736, 0.2651, 0.2959



74.4736, 0.3237, 0.2998

Rectangle

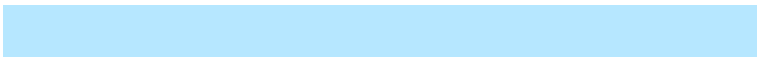
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.4736, 0.3625, 0.3599



74.4736, 0.3346, 0.3749



74.4736, 0.2651, 0.2959



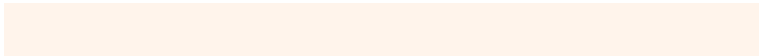
74.4736, 0.2897, 0.2867

Sweetspot

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



74.4770, 0.3625, 0.3599



91.7017, 0.3257, 0.3378



62.2638, 0.3384, 0.2900



19.3073, 0.3283, 0.3395



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.



74.4770, 0.3625, 0.3599



70.1089, 0.3749, 0.3664



93.4768, 0.3542, 0.3918



19.3073, 0.3283, 0.3395



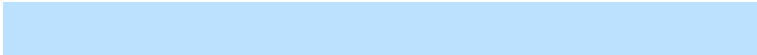
17.5218, 0.5581, 0.3950



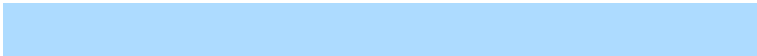
1.9195, 0.5385, 0.4106

Inverse Universe

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



71.6079, 0.2705, 0.2959



66.7930, 0.2619, 0.2882



55.2842, 0.2667, 0.2574



19.0602, 0.2979, 0.3182



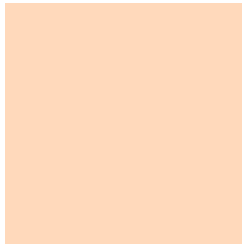
14.2433, 0.1826, 0.1773



1.6047, 0.1878, 0.1961

Previews

White Background



This preview shows how the Yxy color 74.4736, 0.3625, 0.3599 looks on a white background.

Color Contrast Check

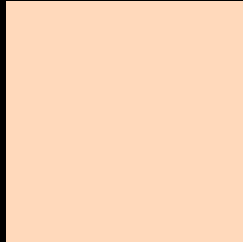
Large Text (above 18pt) WCAG AA × Fail

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 74.4736, 0.3625, 0.3599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

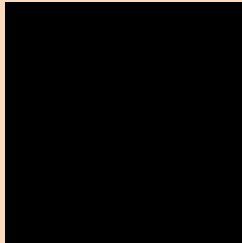
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.4736, 0.3625, 0.3599

Background



This preview shows how black text looks on a background with the Yxy color 74.4736, 0.3625, 0.3599.



This preview shows how white text looks on a background with the Yxy color 74.4736, 0.3625, 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

74.4736, 0.3625, 0.3599

Protanopia

74.8619, 0.3444, 0.3654

Deuteranopia

74.6915, 0.3589, 0.3547



Tritanopia

74.3946, 0.3341, 0.3150

Trichromacy



Original Color

74.4736, 0.3625, 0.3599

Protanomaly

74.4417, 0.3510, 0.3628

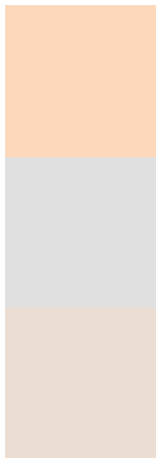
Deuteranomaly

74.6034, 0.3603, 0.3568

Tritanomaly

74.1066, 0.3448, 0.3311

Monochromacy



Original Color

74.4736, 0.3625, 0.3599

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

74.7786, 0.3302, 0.3407

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.4736, 0.3625, 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, 217, 187)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 187)  
}
```

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, 217, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 187) }
```

Border

The CSS property to change the border of an element to Yxy 74.4736, 0.3625, 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, 217, 187) }
```

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

```
.border{ border-color:rgb(255, 217, 187) }
```

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

Here you see how a box with a 4 pixel rgb(255, 217, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 187);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 74.4736, 0.3625, 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, 217, 187) }
```

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

```
.background{ background-color: rgb(255,  
217, 187) }
```

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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