

Converting Colors

$Y_{xy}(78.7695, 0.4073, 0.3614)$

Have a look what the booklet for
Yxy(78.7695, 0.4073, 0.3614)
contains.

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Color

Yxy(69.9169, 0.3746, 0.3654)

Conversions

Conversions Part 1

Format	Color
Hex	FFD1AE
RGB	255, 209, 174
RGB Percent	100%, 82%, 68%
CMY	0.0000, 0.1804, 0.3177
CMYK	0.00, 0.18, 0.32, 0.00
HSL	26°, 100%, 84%
HSV	26°, 32%, 100%
XYZ	71.6773, 69.9169, 49.7493
YIQ	218.7640, 38.6510, -1.1330

Conversions

Conversions Part 2

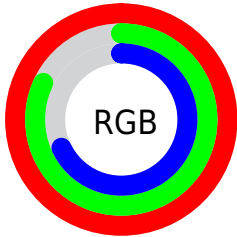
Format	Color
R _Y B	255, 236, 174
Decimal	16765358
CIE Lab	86.96, 11.34, 23.47
CIE LCh	87, 26.063, 64.220
Yxy	69.9169, 0.3746, 0.3654
Android (android.graphics.Color)	4294955438 (0xFFFFD1AE)
YUV	218.7640, -22.0687, 31.7790
Hunter-Lab	83.6163, 6.6845, 23.2556

Details

The Yxy color **69.9169, 0.3746, 0.3654** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **67.3825, 0.2623, 0.2894**, and the grayscale version is **70.8026, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.4932, 0.3274, 0.3532**, and **36.6935, 0.3896, 0.3742** is the 20% darker color. If you saturate the color by 10%, you get **62.2354, 0.4002, 0.3771**, and if you desaturate by 10%, it is **78.4389, 0.3520, 0.3535**.

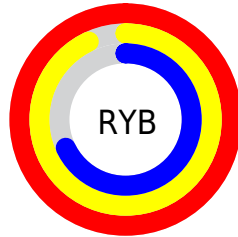
Distribution



Red (100%)

Green (82%)

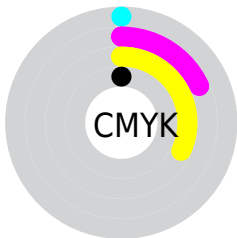
Blue (68%)



Red (100%)

Yellow (93%)

Blue (68%)

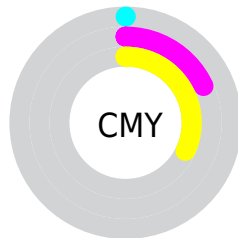


Cyan (0%)

Magenta (18%)

Yellow (32%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.9169, 0.3746, 0.3654 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 69.9169, 0.3746, 0.3654 by changing the saturation by 10% instead.


 69.9169, 0.3746,
0.3654

 69.9169, 0.3746,
0.3654

460.2582, 0.3456,
0.3491

 51.4588, 0.3813,
0.3689


 119.0902, 0.3645,
0.3599

 36.5739, 0.3895,
0.3732

150.5743, 0.3606,
0.3577

 24.8777, 0.3999,
0.3784


187.1690, 0.3572,
0.3558

 15.9860, 0.4135,
0.3848

229.2590, 0.3543,
0.3542

 9.5142, 0.4318,
0.3928

277.2285, 0.3517,
0.3527

 5.0781, 0.4575,
0.4027

331.4619, 0.3494,

 2.2932, 0.5044,

0.3514

0.4215

392.3437, 0.3474,
0.3502

0.7701, 0.5698,
0.4302

0.0000, 0.0000,
0.0000

69.9169, 0.3746,
0.3654

69.9169, 0.3746,
0.3654

62.2354, 0.4002,
0.3771

78.4389, 0.3520,
0.3535

55.3568, 0.4285,
0.3879

87.8180, 0.3324,
0.3419

49.2548, 0.4589,
0.3967

98.0825, 0.3155,
0.3309

43.8976, 0.4900,
0.4021

99.9992, 0.3127,
0.3290

■ 39.2503, 0.5197,
0.4029

■ 35.2741, 0.5458,
0.3981

■ 32.4677, 0.5636,
0.3907

Harmonies

Analogous

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



69.9169, 0.3732, 0.3405



69.9169, 0.3746, 0.3654



69.9169, 0.3587, 0.3824

Triad

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



69.9169, 0.3746, 0.3654



69.9169, 0.2718, 0.3428



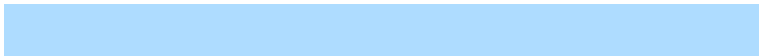
69.9169, 0.2924, 0.2791

Complementary

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



69.9169, 0.3746, 0.3654



67.3825, 0.2623, 0.2894

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.



69.9169, 0.2672, 0.2775



69.9169, 0.3746, 0.3654



69.9169, 0.2558, 0.3125

Square

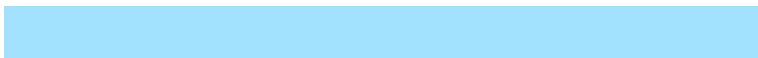
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.9169, 0.3746, 0.3654



69.9169, 0.2990, 0.3703



69.9169, 0.2542, 0.2890



69.9169, 0.3243, 0.2924

Rectangle

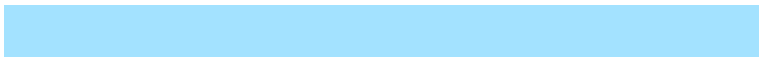
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.9169, 0.3746, 0.3654



69.9169, 0.3410, 0.3860



69.9169, 0.2542, 0.2890



69.9169, 0.2829, 0.2771

Sweetspot

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



69.9201, 0.3746, 0.3654



89.5757, 0.3292, 0.3399



56.7556, 0.3437, 0.2809



18.8747, 0.3317, 0.3415



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.



69.9201, 0.3746, 0.3654



65.0408, 0.3902, 0.3728



91.5992, 0.3627, 0.4027



19.2789, 0.3283, 0.3393



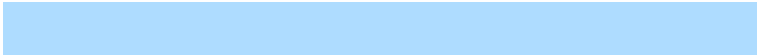
17.2492, 0.5608, 0.3929



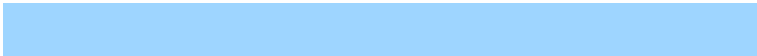
1.8917, 0.5409, 0.4087

Inverse Universe

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



67.3825, 0.2623, 0.2894



62.1379, 0.2525, 0.2802



49.1532, 0.2567, 0.2428



19.0891, 0.2979, 0.3185



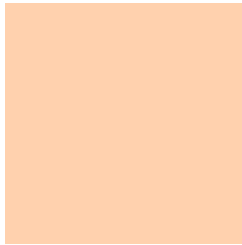
14.6145, 0.1835, 0.1806



1.6402, 0.1886, 0.1990

Previews

White Background



This preview shows how the Yxy color 69.9169, 0.3746, 0.3654 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 69.9169, 0.3746, 0.3654 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

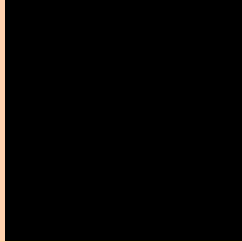
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.9169, 0.3746, 0.3654

Background



This preview shows how black text looks on a background with the Yxy color 69.9169, 0.3746, 0.3654.



This preview shows how white text looks on a background with the Yxy color 69.9169, 0.3746, 0.3654.

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

69.9169, 0.3746, 0.3654

Protanopia

70.3461, 0.3502, 0.3729

Deuteranopia

69.7278, 0.3738, 0.3655



Tritanopia

69.9846, 0.3418, 0.3159

Trichromacy



Original Color

69.9169, 0.3746, 0.3654

Protanomaly

70.3005, 0.3587, 0.3699

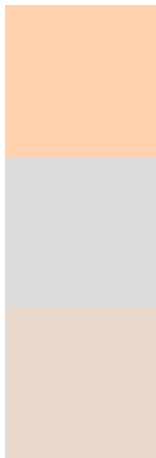
Deuteranomaly

69.7278, 0.3738, 0.3655

Tritanomaly

69.6669, 0.3538, 0.3332

Monochromacy



Original Color

69.9169, 0.3746, 0.3654

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.0685, 0.3337, 0.3420

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.9169, 0.3746, 0.3654 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, 209, 174)` looks like.

```
.text, #text, p{  
    color:rgb(255, 209, 174)  
}
```

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, 209, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 209, 174) }
```

Border

The CSS property to change the border of an element to Yxy 69.9169, 0.3746, 0.3654 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, 209, 174) }
```

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

```
.border{ border-color:rgb(255, 209, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 209, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 209, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 209, 174);  
box-shadow:4px 4px 4px 4px rgb(255, 209,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 69.9169, 0.3746, 0.3654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 209, 174) }
```

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

```
.background{ background-color: rgb(255,  
209, 174) }
```

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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