

Converting Colors

$Y_{xy}(127.2035, 0.4866, 0.3449)$

Have a look what the booklet for
Yxy(127.2035, 0.4866, 0.3449)
contains.

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Color

Yxy(72.9410, 0.3633, 0.3569)

Conversions

Conversions Part 1

Format	Color
Hex	FFD6BB
RGB	255, 214, 187
RGB Percent	100%, 84%, 73%
CMY	0.0001, 0.1607, 0.2666
CMYK	0.00, 0.16, 0.27, 0.00
HSL	24°, 100%, 87%
HSV	24°, 27%, 100%
XYZ	74.2490, 72.9410, 57.1838
YIQ	223.1810, 33.1030, 0.2950

Conversions

Conversions Part 2

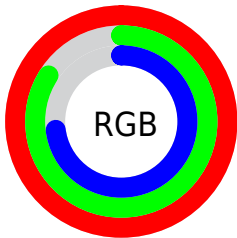
Format	Color
R _Y B	255, 232, 187
Decimal	16766651
CIE Lab	88.42, 10.41, 18.67
CIE LCh	88, 21.376, 60.868
Yxy	72.9410, 0.3633, 0.3569
Android (android.graphics.Color)	4294956731 (0xFFFFD6BB)
YUV	223.1810, -17.8372, 27.9053
Hunter-Lab	85.4055, 5.7229, 20.0859

Details

The Yxy color **72.9410, 0.3633, 0.3569** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **73.2514, 0.2708, 0.2993**, and the grayscale version is **74.0395, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2511, 0.3197, 0.3405**, and **38.3878, 0.3748, 0.3622** is the 20% darker color. If you saturate the color by 10%, you get **64.5326, 0.3880, 0.3679**, and if you desaturate by 10%, it is **82.2837, 0.3419, 0.3460**.

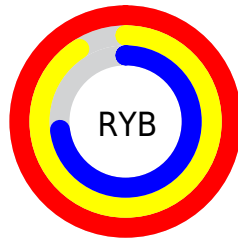
Distribution



Red (100%)

Green (84%)

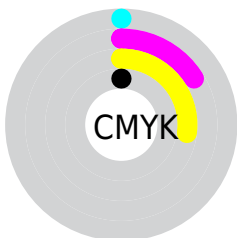
Blue (73%)



Red (100%)

Yellow (91%)

Blue (73%)

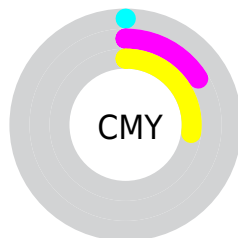


Cyan (0%)

Magenta (16%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.9410, 0.3633, 0.3569 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 72.9410, 0.3633, 0.3569 by changing the saturation by 10% instead.

 72.9410, 0.3633,
0.3569

 72.9410, 0.3633,
0.3569


470.8103, 0.3397,
0.3445

 53.9277, 0.3687,
0.3596

 123.3934, 0.3551,
0.3527

 38.5439, 0.3754,
0.3629


155.6014, 0.3519,
0.3510

 26.4051, 0.3838,
0.3669


192.9764, 0.3492,
0.3496

 17.1269, 0.3948,
0.3720

235.9028, 0.3468,
0.3483

 10.3250, 0.4098,
0.3785

284.7650, 0.3447,
0.3472

 5.6150, 0.4310,
0.3869

339.9473, 0.3429,

 2.6124, 0.4631,

0.3462

0.3976

401.8343, 0.3412,
0.3453

0.9329, 0.5577,
0.4423

0.0000, 1.0000,
0.0000

72.9410, 0.3633,
0.3569

72.9410, 0.3633,
0.3569

64.5326, 0.3880,
0.3679

82.2837, 0.3419,
0.3460

57.0179, 0.4159,
0.3784

92.5794, 0.3235,
0.3356

50.3680, 0.4467,
0.3875

99.9946, 0.3127,
0.3290

44.5484, 0.4792,
0.3940

■ 39.5217, 0.5117,
0.3965

■ 35.2467, 0.5416,
0.3940

■ 31.6767, 0.5664,
0.3860

■ 30.6245, 0.5737,
0.3827

Harmonies

Analogous

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



72.9410, 0.3604, 0.3363



72.9410, 0.3633, 0.3569



72.9410, 0.3521, 0.3712

Triad

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



72.9410, 0.3633, 0.3569



72.9410, 0.2817, 0.3429



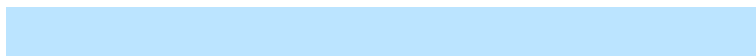
72.9410, 0.2937, 0.2875

Complementary

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



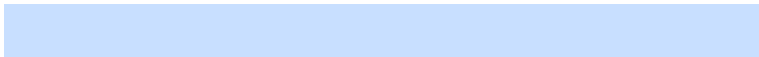
72.9410, 0.3633, 0.3569



73.2514, 0.2708, 0.2993

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.



72.9410, 0.2739, 0.2876



72.9410, 0.3633, 0.3569



72.9410, 0.2672, 0.3186

Square

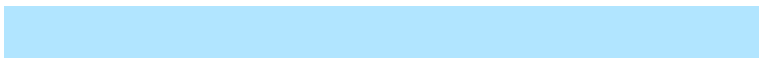
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.9410, 0.3633, 0.3569



72.9410, 0.3046, 0.3639



72.9410, 0.2645, 0.2985



72.9410, 0.3193, 0.2974

Rectangle

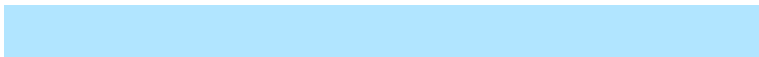
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.9410, 0.3633, 0.3569



72.9410, 0.3384, 0.3748



72.9410, 0.2645, 0.2985



72.9410, 0.2862, 0.2863

Sweetspot

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



72.9443, 0.3633, 0.3569



91.1608, 0.3258, 0.3370



62.4519, 0.3357, 0.2867



19.1714, 0.3284, 0.3385



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.



72.9443, 0.3633, 0.3569



68.3518, 0.3761, 0.3628



91.3904, 0.3550, 0.3887



19.1714, 0.3284, 0.3385



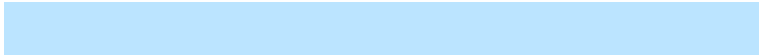
16.2776, 0.5708, 0.3850



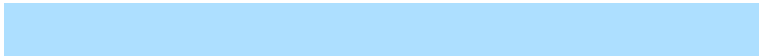
1.7912, 0.5499, 0.4016

Inverse Universe

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



73.2514, 0.2708, 0.2993



68.6976, 0.2624, 0.2924



56.7868, 0.2671, 0.2613



19.1990, 0.2979, 0.3193



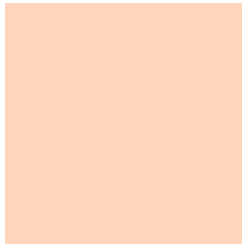
16.0912, 0.1869, 0.1929



1.7804, 0.1917, 0.2100

Previews

White Background



This preview shows how the Yxy color 72.9410, 0.3633, 0.3569 looks on a white background.

Color Contrast Check

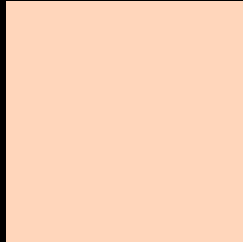
Large Text (above 18pt) WCAG AA × Fail

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 72.9410, 0.3633, 0.3569 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 72.9410, 0.3633, 0.3569

Background



This preview shows how black text looks on a background with the Yxy color 72.9410, 0.3633, 0.3569.



This preview shows how white text looks on a background with the Yxy color 72.9410, 0.3633, 0.3569.

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

72.9410, 0.3633, 0.3569

Protanopia

73.3278, 0.3418, 0.3625

Deuteranopia

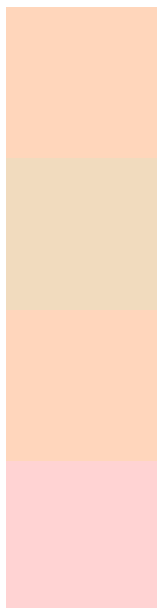
72.9840, 0.3626, 0.3559



Tritanopia

72.7350, 0.3366, 0.3150

Trichromacy



Original Color

72.9410, 0.3633, 0.3569

Protanomaly

73.0815, 0.3492, 0.3599

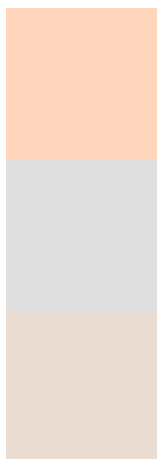
Deuteranomaly

72.9840, 0.3626, 0.3559

Tritanomaly

72.5517, 0.3461, 0.3291

Monochromacy



Original Color

72.9410, 0.3633, 0.3569

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.5017, 0.3304, 0.3397

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.9410, 0.3633, 0.3569 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, 214, 187)` looks like.

```
.text, #text, p{  
    color:rgb(255, 214, 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, 214, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 214, 187) }
```

Border

The CSS property to change the border of an element to Yxy 72.9410, 0.3633, 0.3569 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, 214, 187) }
```

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

```
.border{ border-color:rgb(255, 214, 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, 214, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 214, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 214, 187);  
box-shadow:4px 4px 4px 4px rgb(255, 214,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 72.9410, 0.3633, 0.3569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 214, 187) }
```

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

```
.background{ background-color: rgb(255,  
214, 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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