

Converting Colors

$Y_{xy}(72.2702, 0.3724, 0.3690)$

Have a look what the booklet for
Yxy(72.2702, 0.3724, 0.3690)
contains.

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Color

Yxy(72.4483, 0.3723, 0.3693)

Conversions

Conversions Part 1

Format	Color
Hex	FFD6AF
RGB	255, 214, 175
RGB Percent	100%, 84%, 69%
CMY	0.0000, 0.1608, 0.3137
CMYK	0.00, 0.16, 0.31, 0.00
HSL	29°, 100%, 84%
HSV	29°, 31%, 100%
XYZ	73.0368, 72.4483, 50.6922
YIQ	221.8130, 36.9550, -3.4370

Conversions

Conversions Part 2

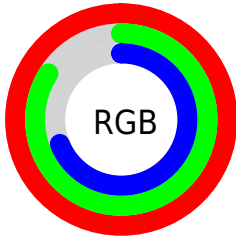
Format	Color
R _Y B	255, 251, 175
Decimal	16766639
CIE Lab	88.18, 8.90, 24.62
CIE LCh	88, 26.179, 70.120
Yxy	72.4483, 0.3723, 0.3693
Android (android.graphics.Color)	4294956719 (0xFFFFD6AF)
YUV	221.8130, -23.0788, 29.1050
Hunter-Lab	85.1166, 4.2133, 24.2707

Details

The Yxy color **72.4483, 0.3723, 0.3693** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **65.4526, 0.2623, 0.2848**, and the grayscale version is **73.0491, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5495, 0.3268, 0.3522**, and **38.0717, 0.3866, 0.3780** is the 20% darker color. If you saturate the color by 10%, you get **65.1806, 0.3965, 0.3825**, and if you desaturate by 10%, it is **80.4257, 0.3506, 0.3560**.

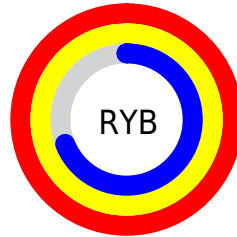
Distribution



Red (100%)

Green (84%)

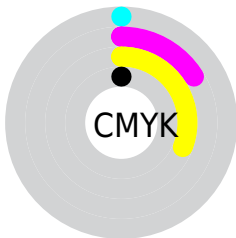
Blue (69%)



Red (100%)

Yellow (98%)

Blue (69%)

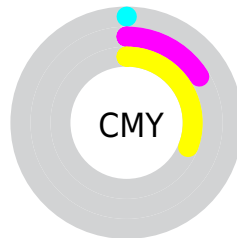


Cyan (0%)

Magenta (16%)

Yellow (31%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.4483, 0.3723, 0.3693 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 72.4483, 0.3723, 0.3693 by changing the saturation by 10% instead.


 72.4483, 0.3723,
0.3693

 72.4483, 0.3723,
0.3693


469.1005, 0.3446,
0.3512

 53.5250, 0.3786,
0.3732


 122.6937, 0.3627,
0.3632

 38.2220, 0.3864,
0.3780


154.7845, 0.3590,
0.3608

 26.1550, 0.3961,
0.3838


192.0333, 0.3557,
0.3587

 16.9397, 0.4088,
0.3911

234.8245, 0.3529,
0.3568

 10.1915, 0.4256,
0.4003

283.5424, 0.3505,
0.3552

 5.5261, 0.4490,
0.4119

338.5714, 0.3483,

 2.5591, 0.4891,

0.3537

0.4315

400.2960, 0.3464,
0.3524

0.9062, 0.5486,
0.4514

0.0000, 1.0000,
0.0000

72.4483, 0.3723,
0.3693

72.4483, 0.3723,
0.3693

65.1806, 0.3965,
0.3825

80.4257, 0.3506,
0.3560

58.6153, 0.4230,
0.3947

89.1505, 0.3315,
0.3430

52.7226, 0.4511,
0.4048

98.6381, 0.3148,
0.3306

47.4760, 0.4795,
0.4116

100.0000, 0.3127,
0.3290

■ 42.8463, 0.5066,
0.4138

■ 38.8010, 0.5302,
0.4104

■ 35.7443, 0.5474,
0.4036

Harmonies

Analogous

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



72.4483, 0.3744, 0.3456



72.4483, 0.3723, 0.3693



72.4483, 0.3537, 0.3838

Triad

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



72.4483, 0.3723, 0.3693



72.4483, 0.2680, 0.3366



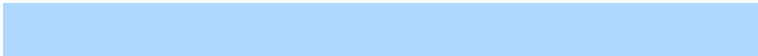
72.4483, 0.2985, 0.2812

Complementary

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



72.4483, 0.3723, 0.3693



65.4526, 0.2623, 0.2848

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.



72.4483, 0.2716, 0.2772



72.4483, 0.3723, 0.3693



72.4483, 0.2547, 0.3073

Square

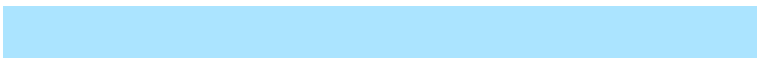
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.4483, 0.3723, 0.3693



72.4483, 0.2932, 0.3653



72.4483, 0.2560, 0.2861



72.4483, 0.3306, 0.2964

Rectangle

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



72.4483, 0.3723, 0.3693



72.4483, 0.3349, 0.3852



72.4483, 0.2560, 0.2861



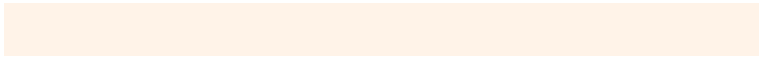
72.4483, 0.2886, 0.2785

Sweetspot

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



72.4430, 0.3723, 0.3693



91.3308, 0.3273, 0.3400



56.8961, 0.3478, 0.2867



19.2612, 0.3299, 0.3418



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.



72.4430, 0.3723, 0.3693



67.5501, 0.3881, 0.3781



95.0275, 0.3606, 0.4065



19.4485, 0.3282, 0.3406



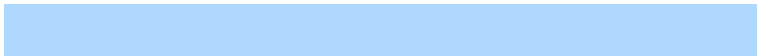
18.9738, 0.5448, 0.4056



2.0652, 0.5267, 0.4200

Inverse Universe

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



65.4526, 0.2623, 0.2848



59.5016, 0.2515, 0.2737



47.5167, 0.2567, 0.2377



18.9177, 0.2979, 0.3171



12.5162, 0.1782, 0.1616



1.4374, 0.1839, 0.1818

Previews

White Background



This preview shows how the Yxy color 72.4483, 0.3723, 0.3693 looks on a white background.

Color Contrast Check

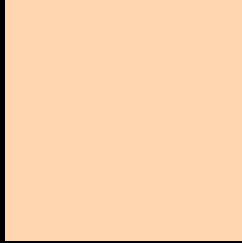
Large Text (above 18pt) WCAG AA × Fail

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 72.4483, 0.3723, 0.3693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

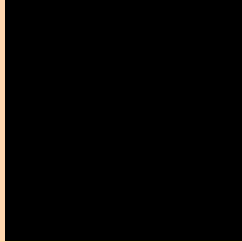
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.4483, 0.3723, 0.3693

Background



This preview shows how black text looks on a background with the Yxy color 72.4483, 0.3723, 0.3693.



This preview shows how white text looks on a background with the Yxy color 72.4483, 0.3723, 0.3693.

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

72.4483, 0.3723, 0.3693

Protanopia

72.5894, 0.3526, 0.3756

Deuteranopia

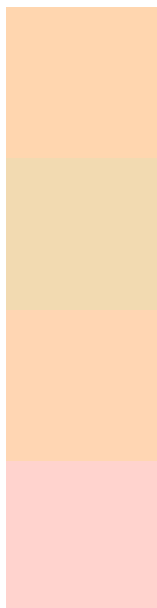
72.6893, 0.3678, 0.3631



Tritanopia

72.1886, 0.3375, 0.3149

Trichromacy



Original Color

72.4483, 0.3723, 0.3693

Protanomaly

72.1944, 0.3595, 0.3728

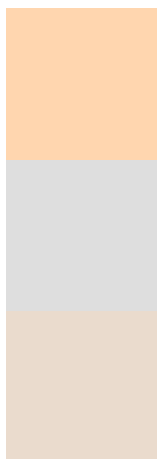
Deuteranomaly

72.6078, 0.3693, 0.3652

Tritanomaly

72.3048, 0.3498, 0.3342

Monochromacy



Original Color

72.4483, 0.3723, 0.3693

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.5632, 0.3332, 0.3441

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.4483, 0.3723, 0.3693 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, 175)` looks like.

```
.text, #text, p{  
    color:rgb(255, 214, 175)  
}
```

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, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 214, 175) }
```

Border

The CSS property to change the border of an element to Yxy 72.4483, 0.3723, 0.3693 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, 175) }
```

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

```
.border{ border-color:rgb(255, 214, 175) }
```

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, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 214, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 214, 175);  
box-shadow:4px 4px 4px 4px rgb(255, 214,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 72.4483, 0.3723, 0.3693 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, 175) }
```

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

```
.background{ background-color: rgb(255,  
214, 175) }
```

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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