

Converting Colors

$Yxy(74.4145, 0.3893, 0.3628)$

Have a look what the booklet for
Yxy(74.4145, 0.3893, 0.3628)
contains.

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Color

Yxy(70.4483, 0.3735, 0.3653)

Conversions

Conversions Part 1

Format	Color
Hex	FFD2AF
RGB	255, 210, 175
RGB Percent	100%, 82%, 69%
CMY	0.0000, 0.1765, 0.3136
CMYK	0.00, 0.18, 0.31, 0.00
HSL	26°, 100%, 84%
HSV	26°, 31%, 100%
XYZ	72.0297, 70.4483, 50.3726
YIQ	219.4650, 38.0550, -1.3450

Conversions

Conversions Part 2

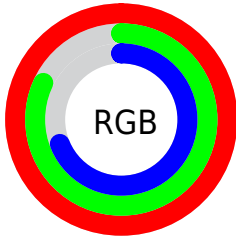
Format	Color
R _Y B	255, 237, 175
Decimal	16765615
CIE Lab	87.22, 10.96, 23.28
CIE LCh	87, 25.727, 64.790
Yxy	70.4483, 0.3735, 0.3653
Android (android.graphics.Color)	4294955695 (0xFFFFD2AF)
YUV	219.4650, -21.9212, 31.1642
Hunter-Lab	83.9335, 6.3008, 23.1706

Details

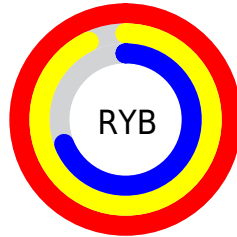
The Yxy color **70.4483, 0.3735, 0.3653** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **67.5385, 0.2629, 0.2895**, and the grayscale version is **71.3149, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5495, 0.3268, 0.3522**, and **37.0524, 0.3881, 0.3742** is the 20% darker color. If you saturate the color by 10%, you get **62.7694, 0.3988, 0.3772**, and if you desaturate by 10%, it is **78.9538, 0.3511, 0.3533**.

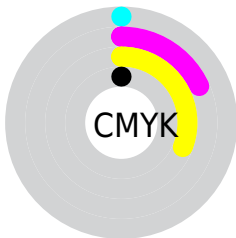
Distribution



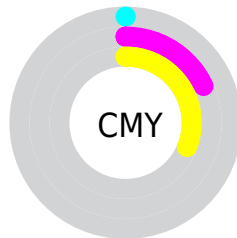
- Red (100%)
- Green (82%)
- Blue (69%)



- Red (100%)
- Yellow (93%)
- Blue (69%)



- Cyan (0%)
- Magenta (18%)
- Yellow (31%)
- Black (0%)





- Cyan (0%)
- Magenta (18%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.4483, 0.3735, 0.3653 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 70.4483, 0.3735, 0.3653 by changing the saturation by 10% instead.


 70.4483, 0.3735,
0.3653

 70.4483, 0.3735,
0.3653

462.1225, 0.3451,
0.3491

 51.8921, 0.3800,
0.3688


 119.8478, 0.3636,
0.3598

 36.9191, 0.3881,
0.3731


151.4600, 0.3598,
0.3576

 25.1448, 0.3983,
0.3783


188.1928, 0.3565,
0.3557

 16.1850, 0.4116,
0.3847

230.4309, 0.3536,
0.3541

 9.6552, 0.4294,
0.3928

278.5585, 0.3511,
0.3526

 5.1709, 0.4545,
0.4029

332.9600, 0.3488,

 2.3479, 0.4990,

0.3513

0.4208

394.0199, 0.3468,
0.3501

0.7989, 0.5657,
0.4343

0.0000, 0.0000,
0.0000

70.4483, 0.3735,
0.3653

70.4483, 0.3735,
0.3653

62.7694, 0.3988,
0.3772

78.9538, 0.3511,
0.3533

55.8867, 0.4269,
0.3882

88.3086, 0.3316,
0.3415

49.7721, 0.4570,
0.3971

98.5383, 0.3148,
0.3305

44.3946, 0.4879,
0.4028

100.0000, 0.3127,
0.3290

■ 39.7199, 0.5175,
0.4039

■ 35.7099, 0.5435,
0.3995

■ 32.7408, 0.5622,
0.3918

Harmonies

Analogous

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



70.4483, 0.3724, 0.3409



70.4483, 0.3735, 0.3653



70.4483, 0.3576, 0.3817

Triad

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



70.4483, 0.3735, 0.3653



70.4483, 0.2720, 0.3420



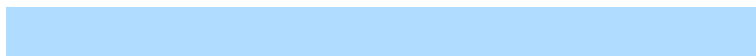
70.4483, 0.2933, 0.2799

Complementary

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



70.4483, 0.3735, 0.3653



67.5385, 0.2629, 0.2895

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.



70.4483, 0.2683, 0.2782



70.4483, 0.3735, 0.3653



70.4483, 0.2565, 0.3123

Square

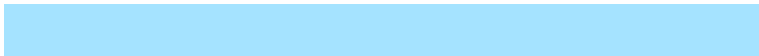
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.4483, 0.3735, 0.3653



70.4483, 0.2986, 0.3692



70.4483, 0.2552, 0.2893



70.4483, 0.3248, 0.2932

Rectangle

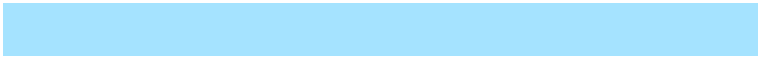
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.4483, 0.3735, 0.3653



70.4483, 0.3400, 0.3851



70.4483, 0.2552, 0.2893



70.4483, 0.2839, 0.2780

Sweetspot

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



70.4493, 0.3735, 0.3653



90.6445, 0.3274, 0.3389



57.1166, 0.3443, 0.2828



19.0924, 0.3300, 0.3405



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.



70.4493, 0.3735, 0.3653



65.2607, 0.3900, 0.3733



92.5217, 0.3617, 0.4029



19.2940, 0.3283, 0.3394



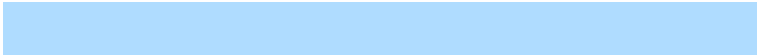
17.3927, 0.5594, 0.3940



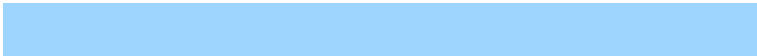
1.9064, 0.5396, 0.4097

Inverse Universe

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



67.5385, 0.2629, 0.2895



61.8997, 0.2524, 0.2796



49.1251, 0.2573, 0.2425



19.0738, 0.2979, 0.3183



14.4170, 0.1830, 0.1788



1.6214, 0.1882, 0.1975

Previews

White Background



This preview shows how the Yxy color 70.4483, 0.3735, 0.3653 looks on a white background.

Color Contrast Check

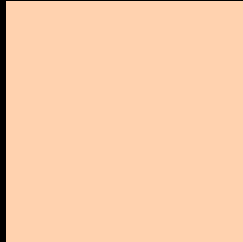
Large Text (above 18pt) WCAG AA × Fail

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 70.4483, 0.3735, 0.3653 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 70.4483, 0.3735, 0.3653

Background



This preview shows how black text looks on a background with the Yxy color 70.4483, 0.3735, 0.3653.



This preview shows how white text looks on a background with the Yxy color 70.4483, 0.3735, 0.3653.

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

70.4483, 0.3735, 0.3653

Protanopia

70.5533, 0.3503, 0.3717

Deuteranopia

70.4483, 0.3735, 0.3653



Tritanopia

70.5171, 0.3409, 0.3159

Trichromacy



Original Color

70.4483, 0.3735, 0.3653

Protanomaly

70.3405, 0.3580, 0.3688

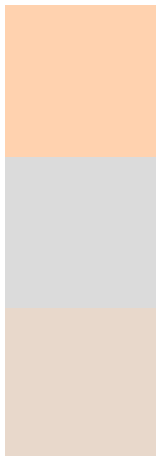
Deuteranomaly

70.4483, 0.3735, 0.3653

Tritanomaly

70.1974, 0.3529, 0.3332

Monochromacy



Original Color

70.4483, 0.3735, 0.3653

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.5793, 0.3336, 0.3431

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.4483, 0.3735, 0.3653 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, 210, 175)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 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, 210, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 175) }
```

Border

The CSS property to change the border of an element to Yxy 70.4483, 0.3735, 0.3653 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, 210, 175) }
```

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

```
.border{ border-color:rgb(255, 210, 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, 210, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 210, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 210, 175);  
box-shadow:4px 4px 4px 4px rgb(255, 210,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 70.4483, 0.3735, 0.3653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 210, 175) }
```

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

```
.background{ background-color: rgb(255,  
210, 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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