

Converting Colors

$Yxy(65.1785, 0.3699, 0.3625)$

Have a look what the booklet for
Yxy(65.1785, 0.3699, 0.3625)
contains.

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Color

Yxy(65.1029, 0.3699, 0.3624)

Conversions

Conversions Part 1

Format	Color
Hex	F5CBAC
RGB	245, 203, 172
RGB Percent	96%, 80%, 67%
CMY	0.0393, 0.2039, 0.3255
CMYK	0.00, 0.17, 0.30, 0.04
HSL	26°, 78%, 82%
HSV	26°, 30%, 96%
XYZ	66.4502, 65.1029, 48.0906
YIQ	212.0240, 34.9830, -0.7370

Conversions

Conversions Part 2

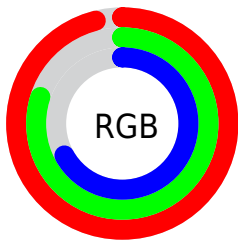
Format	Color
R _Y B	245, 226, 172
Decimal	16108460
CIE Lab	84.54, 10.42, 21.03
CIE LCh	85, 23.469, 63.641
Yxy	65.1029, 0.3699, 0.3624
Android (android.graphics.Color)	4294298540 (0xFFF5CBAC)
YUV	212.0240, -19.7318, 28.9200
Hunter-Lab	80.6864, 5.8047, 21.1425

Details

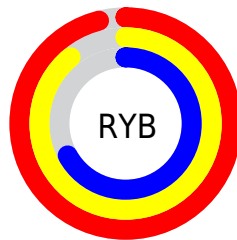
The Yxy color **65.1029, 0.3699, 0.3624** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **63.4276, 0.2657, 0.2929**, and the grayscale version is **65.9712, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.3261, 0.3292, 0.3562**, and **33.5423, 0.3840, 0.3693** is the 20% darker color. If you saturate the color by 10%, you get **57.8966, 0.3949, 0.3740**, and if you desaturate by 10%, it is **73.0929, 0.3479, 0.3507**.

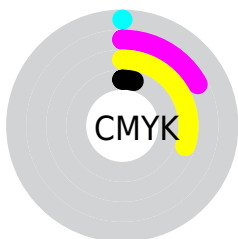
Distribution



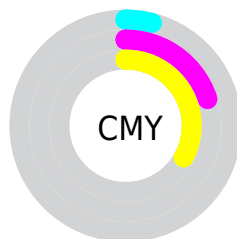
- Red (96%)
- Green (80%)
- Blue (67%)



- Red (96%)
- Yellow (89%)
- Blue (67%)



- Cyan (0%)
- Magenta (17%)
- Yellow (30%)
- Black (4%)





- Cyan (4%)
- Magenta (20%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.1029, 0.3699, 0.3624 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 65.1029, 0.3699, 0.3624 by changing the saturation by 10% instead.


 65.1029, 0.3699,
0.3624

 65.1029, 0.3699,
0.3624


443.1617, 0.3428,
0.3472

 47.5445, 0.3762,
0.3658


 112.1978, 0.3604,
0.3572

 33.4663, 0.3841,
0.3698


142.5031, 0.3567,
0.3552

 22.4839, 0.3942,
0.3749


177.8261, 0.3535,
0.3534

 14.2129, 0.4075,
0.3812

218.5513, 0.3508,
0.3519

 8.2689, 0.4257,
0.3893

265.0631, 0.3484,
0.3505

 4.2675, 0.4518,
0.3995

317.7458, 0.3463,

 1.8243, 0.5085,

0.3493

0.4257

376.9839, 0.3444,
0.3482

0.5022, 0.5930,
0.4070

0.0000, 0.0000,
0.0000

65.1029, 0.3699,
0.3624

65.1029, 0.3699,
0.3624

57.8966, 0.3949,
0.3740

73.0929, 0.3479,
0.3507

51.4396, 0.4229,
0.3849

81.8820, 0.3288,
0.3394

45.7076, 0.4532,
0.3940

91.4960, 0.3124,
0.3288

40.6715, 0.4846,
0.4000

98.1471, 0.3066,
0.3290

■ 36.2997, 0.5151,
0.4017

■ 32.5570, 0.5424,
0.3981

■ 29.3971, 0.5649,
0.3895

■ 29.3359, 0.5654,
0.3893

Harmonies

Analogous

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



65.1029, 0.3682, 0.3394



65.1029, 0.3699, 0.3624



65.1029, 0.3556, 0.3781

Triad

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



65.1029, 0.3699, 0.3624



65.1029, 0.2754, 0.3423



65.1029, 0.2935, 0.2826

Complementary

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



65.1029, 0.3699, 0.3624



63.4276, 0.2657, 0.2929

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.



65.1029, 0.2703, 0.2815



65.1029, 0.3699, 0.3624



65.1029, 0.2602, 0.3144

Square

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



65.1029, 0.3699, 0.3624



65.1029, 0.3007, 0.3673



65.1029, 0.2584, 0.2925



65.1029, 0.3229, 0.2947

Rectangle

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



65.1029, 0.3699, 0.3624



65.1029, 0.3394, 0.3814



65.1029, 0.2584, 0.2925



65.1029, 0.2848, 0.2809

Sweetspot

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



65.1059, 0.3699, 0.3624



90.4781, 0.3275, 0.3386



53.7945, 0.3412, 0.2841



19.0515, 0.3301, 0.3402



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.



65.1059, 0.3699, 0.3624



66.2584, 0.3853, 0.3698



84.0534, 0.3594, 0.3979



17.6406, 0.3283, 0.3391



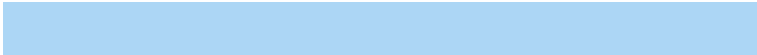
16.0693, 0.5626, 0.3915



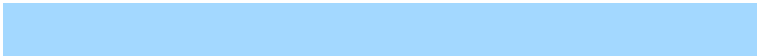
1.6115, 0.5405, 0.4091

Inverse Universe

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



63.4276, 0.2657, 0.2929



64.1264, 0.2557, 0.2840



47.2324, 0.2608, 0.2492



17.5088, 0.2980, 0.3187



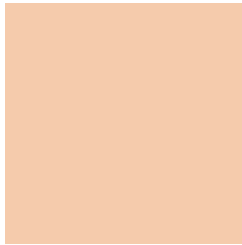
14.0701, 0.1843, 0.1834



1.4401, 0.1898, 0.2034

Previews

White Background



This preview shows how the Yxy color 65.1029, 0.3699, 0.3624 looks on a white background.

Color Contrast Check

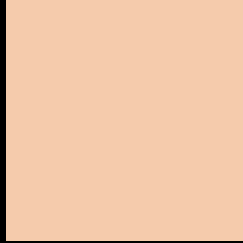
Large Text (above 18pt) WCAG AA × Fail

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 65.1029, 0.3699, 0.3624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

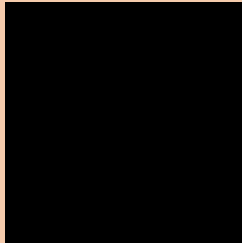
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.1029, 0.3699, 0.3624

Background



This preview shows how black text looks on a background with the Yxy color 65.1029, 0.3699, 0.3624.



This preview shows how white text looks on a background with the Yxy color 65.1029, 0.3699, 0.3624.

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

65.1029, 0.3699, 0.3624

Protanopia

65.4111, 0.3470, 0.3687

Deuteranopia

65.1029, 0.3699, 0.3624



Tritanopia

64.8763, 0.3421, 0.3124

Trichromacy



Original Color

65.1029, 0.3699, 0.3624

Protanomaly

65.1958, 0.3548, 0.3657

Deuteranomaly

65.1029, 0.3699, 0.3624

Tritanomaly

64.8805, 0.3528, 0.3302

Monochromacy



Original Color

65.1029, 0.3699, 0.3624

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.4794, 0.3327, 0.3425

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.1029, 0.3699, 0.3624 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(245, 203, 172)` looks like.

```
.text, #text, p{  
    color:rgb(245, 203, 172)  
}
```

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(245, 203, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 203, 172) }
```

Border

The CSS property to change the border of an element to Yxy 65.1029, 0.3699, 0.3624 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(245, 203, 172) }
```

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

```
.border{ border-color:rgb(245, 203, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 203, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 203, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 203, 172);  
box-shadow:4px 4px 4px 4px rgb(245, 203,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 65.1029, 0.3699, 0.3624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 203, 172) }
```

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

```
.background{ background-color: rgb(245,  
203, 172) }
```

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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