

Converting Colors

$Y_{xy}(65.0010, 0.3675, 0.3603)$

Have a look what the booklet for
Yxy(65.0010, 0.3675, 0.3603)
contains.

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Color

Yxy(65.0010, 0.3675, 0.3603)

Conversions

Conversions Part 1

Format	Color
Hex	F4CBAE
RGB	244, 203, 174
RGB Percent	96%, 80%, 68%
CMY	0.0432, 0.2039, 0.3176
CMYK	0.00, 0.17, 0.29, 0.04
HSL	25°, 76%, 82%
HSV	25°, 29%, 96%
XYZ	66.2999, 65.0010, 49.1071
YIQ	211.9530, 33.7450, -0.3270

Conversions

Conversions Part 2

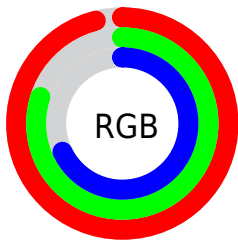
Format	Color
R _Y B	244, 224, 174
Decimal	16042926
CIE Lab	84.48, 10.31, 19.87
CIE LCh	84, 22.388, 62.576
Yxy	65.0010, 0.3675, 0.3603
Android (android.graphics.Color)	4294233006 (0xFFFF4CBAE)
YUV	211.9530, -18.7108, 28.1052
Hunter-Lab	80.6232, 5.6977, 20.3231

Details

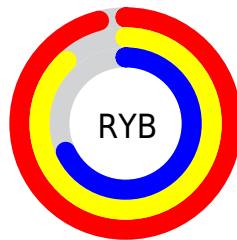
The Yxy color **65.0010, 0.3675, 0.3603** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **64.1257, 0.2675, 0.2954**, and the grayscale version is **65.9168, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.4932, 0.3274, 0.3532**, and **33.4402, 0.3819, 0.3681** is the 20% darker color. If you saturate the color by 10%, you get **57.6965, 0.3924, 0.3717**, and if you desaturate by 10%, it is **73.1062, 0.3457, 0.3489**.

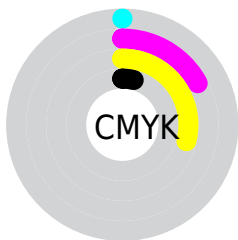
Distribution



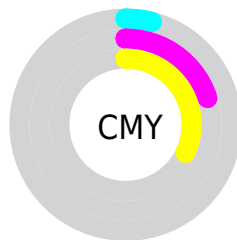
- Red (96%)
- Green (80%)
- Blue (68%)



- Red (96%)
- Yellow (88%)
- Blue (68%)



- Cyan (0%)
- Magenta (17%)
- Yellow (29%)
- Black (4%)





- Cyan (4%)
- Magenta (20%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.0010, 0.3675, 0.3603 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 65.0010, 0.3675, 0.3603 by changing the saturation by 10% instead.

 65.0010, 0.3675,
0.3603

 65.0010, 0.3675,
0.3603


442.7956, 0.3415,
0.3461

 47.4619, 0.3736,
0.3635


 112.0513, 0.3583,
0.3554

 33.4009, 0.3812,
0.3673


142.3313, 0.3548,
0.3535

 22.4338, 0.3909,
0.3720


177.6270, 0.3518,
0.3519

 14.1760, 0.4037,
0.3780

218.3228, 0.3492,
0.3504

 8.2432, 0.4213,
0.3857

264.8032, 0.3469,
0.3491

 4.2509, 0.4467,
0.3956

317.4526, 0.3449,

 1.8149, 0.4991,

0.3480

0.4186

376.6552, 0.3431,
0.3470

0.4964, 0.5931,
0.4069

0.0000, 0.0000,
0.0000

65.0010, 0.3675,
0.3603

65.0010, 0.3675,
0.3603

57.6965, 0.3924,
0.3717

73.1062, 0.3457,
0.3489

51.1577, 0.4204,
0.3824

82.0279, 0.3269,
0.3380

45.3598, 0.4508,
0.3915

91.7926, 0.3107,
0.3277

40.2732, 0.4827,
0.3977

97.9691, 0.3060,
0.3290

■ 35.8658, 0.5140,
0.3997

■ 32.1019, 0.5422,
0.3965

■ 28.9376, 0.5656,
0.3881

■ 28.5576, 0.5685,
0.3868

Harmonies

Analogous

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



65.0010, 0.3653, 0.3382



65.0010, 0.3675, 0.3603



65.0010, 0.3544, 0.3755

Triad

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



65.0010, 0.3675, 0.3603



65.0010, 0.2778, 0.3426



65.0010, 0.2935, 0.2844

Complementary

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



65.0010, 0.3675, 0.3603



64.1257, 0.2675, 0.2954

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.



65.0010, 0.2716, 0.2837



65.0010, 0.3675, 0.3603



65.0010, 0.2628, 0.3161

Square

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



65.0010, 0.3675, 0.3603



65.0010, 0.3023, 0.3661



65.0010, 0.2606, 0.2948



65.0010, 0.3215, 0.2956

Rectangle

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



65.0010, 0.3675, 0.3603



65.0010, 0.3392, 0.3790



65.0010, 0.2606, 0.2948



65.0010, 0.2852, 0.2829

Sweetspot

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



65.0040, 0.3675, 0.3603



90.3322, 0.3275, 0.3384



54.4675, 0.3388, 0.2846



19.0156, 0.3301, 0.3399



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.



65.0040, 0.3675, 0.3603



67.3935, 0.3806, 0.3665



82.8439, 0.3579, 0.3942



17.6107, 0.3283, 0.3389



15.7858, 0.5656, 0.3891



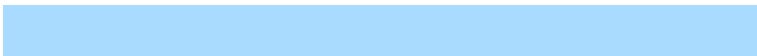
1.5851, 0.5432, 0.4069

Inverse Universe

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



64.1257, 0.2675, 0.2954



66.2774, 0.2590, 0.2880



48.5866, 0.2632, 0.2541



17.5394, 0.2980, 0.3189



14.4901, 0.1853, 0.1872



1.4760, 0.1908, 0.2067

Previews

White Background



This preview shows how the Yxy color 65.0010, 0.3675, 0.3603 looks on a white background.

Color Contrast Check

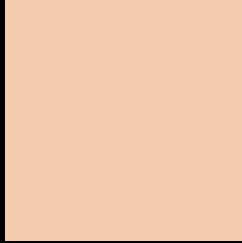
Large Text (above 18pt) WCAG AA × Fail

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 65.0010, 0.3675, 0.3603 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 65.0010, 0.3675, 0.3603

Background



This preview shows how black text looks on a background with the Yxy color 65.0010, 0.3675, 0.3603.



This preview shows how white text looks on a background with the Yxy color 65.0010, 0.3675, 0.3603.

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

65.0010, 0.3675, 0.3603

Protanopia

65.3325, 0.3447, 0.3665

Deuteranopia

65.0010, 0.3675, 0.3603



Tritanopia

64.6931, 0.3413, 0.3124

Trichromacy



Original Color

65.0010, 0.3675, 0.3603

Protanomaly

65.1091, 0.3525, 0.3636

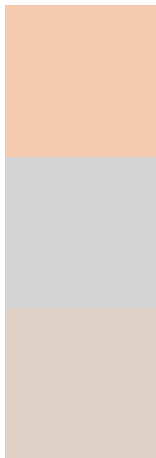
Deuteranomaly

65.0010, 0.3675, 0.3603

Tritanomaly

64.7445, 0.3512, 0.3291

Monochromacy



Original Color

65.0010, 0.3675, 0.3603

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.5254, 0.3320, 0.3413

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.0010, 0.3675, 0.3603 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(244, 203, 174)` looks like.

```
.text, #text, p{  
    color:rgb(244, 203, 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(244, 203, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 203, 174) }
```

Border

The CSS property to change the border of an element to Yxy 65.0010, 0.3675, 0.3603 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(244, 203, 174) }
```

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

```
.border{ border-color:rgb(244, 203, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 203, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 203, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 203, 174);  
box-shadow:4px 4px 4px 4px rgb(244, 203,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 65.0010, 0.3675, 0.3603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 203, 174) }
```

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

```
.background{ background-color: rgb(244,  
203, 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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