

Converting Colors

$Y_{xy}(75.3636, 0.3716, 0.3767)$

Have a look what the booklet for
Yxy(75.3636, 0.3716, 0.3767)
contains.

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Color

Yxy(75.4635, 0.3718, 0.3773)

Conversions

Conversions Part 1

Format	Color
Hex	FFDCAD
RGB	255, 220, 173
RGB Percent	100%, 86%, 68%
CMY	0.0002, 0.1372, 0.3216
CMYK	0.00, 0.14, 0.32, 0.00
HSL	34°, 100%, 84%
HSV	34°, 32%, 100%
XYZ	74.3634, 75.4635, 50.1823
YIQ	225.1070, 35.9470, -7.1970

Conversions

Conversions Part 2

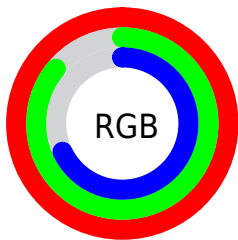
Format	Color
R_{YB}	234, 255, 173
Decimal	16768173
CIE _{Lab}	89.61, 5.51, 27.60
CIE _{LCh}	90, 28.143, 78.703
Yxy	75.4635, 0.3718, 0.3773
Android (android.graphics.Color)	4294958253 (0xFFFFDCAD)
YUV	225.1070, -25.6888, 26.2162
Hunter-Lab	86.8697, 0.7801, 26.5586

Details

The Yxy color **75.4635, 0.3718, 0.3773** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **61.1812, 0.2601, 0.2752**, and the grayscale version is **75.5440, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.4371, 0.3280, 0.3542**, and **40.1366, 0.3855, 0.3881** is the 20% darker color. If you saturate the color by 10%, you get **69.0512, 0.3944, 0.3925**, and if you desaturate by 10%, it is **82.4419, 0.3511, 0.3618**.

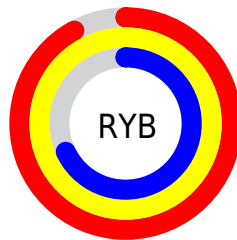
Distribution



Red (100%)

Green (86%)

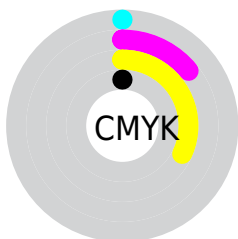
Blue (68%)



Red (92%)

Yellow (100%)

Blue (68%)

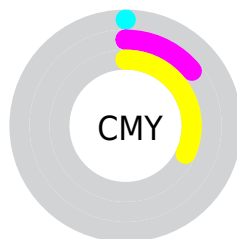


Cyan (0%)

Magenta (14%)

Yellow (32%)

Black (0%)



Cyan (0%)


Magenta (14%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.4635, 0.3718, 0.3773 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 75.4635, 0.3718, 0.3773 by changing the saturation by 10% instead.


 75.4635, 0.3718,
0.3773

 75.4635, 0.3718,
0.3773


479.5092, 0.3447,
0.3556

 55.9927, 0.3779,
0.3820


 126.9683, 0.3625,
0.3699

 40.1971, 0.3853,
0.3878


159.7710, 0.3588,
0.3670

 27.6922, 0.3946,
0.3948


197.7865, 0.3557,
0.3645

 18.0938, 0.4065,
0.4036

241.3991, 0.3529,
0.3623

 11.0173, 0.4221,
0.4148

290.9933, 0.3505,
0.3603

 6.0785, 0.4431,
0.4291

346.9535, 0.3483,

 2.8929, 0.4788,

0.3586

0.4532

409.6639, 0.3464,
0.3570

1.0761, 0.5238,
0.4762

0.0000, 1.0000,
0.0000

75.4635, 0.3718,
0.3773

75.4635, 0.3718,
0.3773

69.0512, 0.3944,
0.3925

82.4419, 0.3511,
0.3618

63.1769, 0.4184,
0.4067

89.9927, 0.3325,
0.3465

57.8251, 0.4431,
0.4185

98.1351, 0.3160,
0.3320

52.9749, 0.4673,
0.4269

99.9912, 0.3127,
0.3290

■ 48.6036, 0.4897,
0.4305

■ 44.6846, 0.5089,
0.4288

■ 41.8960, 0.5217,
0.4240

Harmonies

Analogous

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



75.4635, 0.3795, 0.3542



75.4635, 0.3718, 0.3773



75.4635, 0.3480, 0.3888

Triad

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



75.4635, 0.3718, 0.3773



75.4635, 0.2599, 0.3277



75.4635, 0.3071, 0.2820

Complementary

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



75.4635, 0.3718, 0.3773



61.1812, 0.2601, 0.2752

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.



75.4635, 0.2763, 0.2741



75.4635, 0.3718, 0.3773



75.4635, 0.2502, 0.2983

Square

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



75.4635, 0.3718, 0.3773



75.4635, 0.2833, 0.3596



75.4635, 0.2560, 0.2794



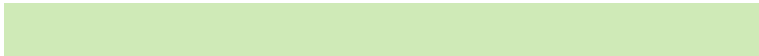
75.4635, 0.3411, 0.3008

Rectangle

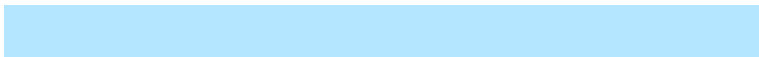
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.4635, 0.3718, 0.3773



75.4635, 0.3267, 0.3869



75.4635, 0.2560, 0.2794



75.4635, 0.2961, 0.2780

Sweetspot

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



75.4670, 0.3718, 0.3773



91.7253, 0.3288, 0.3434



55.7191, 0.3549, 0.2924



19.3943, 0.3313, 0.3454



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.



75.4670, 0.3718, 0.3773



71.0377, 0.3871, 0.3878



94.7378, 0.3577, 0.4106



19.7177, 0.3280, 0.3426



22.2028, 0.5195, 0.4257



2.3786, 0.5049, 0.4373

Inverse Universe

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



61.1812, 0.2601, 0.2752



54.6037, 0.2483, 0.2614



46.6256, 0.2586, 0.2344



18.6507, 0.2979, 0.3150



9.7349, 0.1705, 0.1337



1.1591, 0.1766, 0.1558

Previews

White Background



This preview shows how the Yxy color 75.4635, 0.3718, 0.3773 looks on a white background.

Color Contrast Check

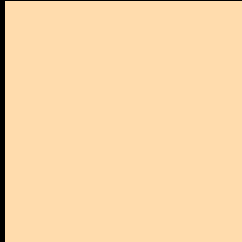
Large Text (above 18pt) WCAG AA × Fail

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 75.4635, 0.3718, 0.3773 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

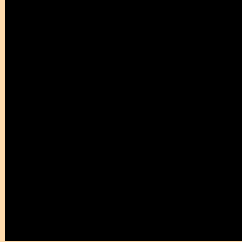
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.4635, 0.3718, 0.3773

Background



This preview shows how black text looks on a background with the Yxy color 75.4635, 0.3718, 0.3773.



This preview shows how white text looks on a background with the Yxy color 75.4635, 0.3718, 0.3773.

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

75.4635, 0.3718, 0.3773

Protanopia

75.4708, 0.3575, 0.3822

Deuteranopia

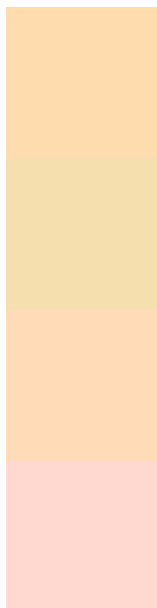
75.5972, 0.3606, 0.3598



Tritanopia

75.4623, 0.3331, 0.3160

Trichromacy



Original Color

75.4635, 0.3718, 0.3773

Protanomaly

75.2438, 0.3626, 0.3806

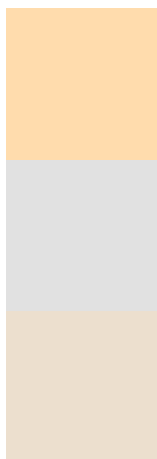
Deuteranomaly

75.3419, 0.3649, 0.3660

Tritanomaly

75.4398, 0.3472, 0.3382

Monochromacy



Original Color

75.4635, 0.3718, 0.3773

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.0645, 0.3335, 0.3471

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.4635, 0.3718, 0.3773 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, 220, 173)` looks like.

```
.text, #text, p{  
    color:rgb(255, 220, 173)  
}
```

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, 220, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 220, 173) }
```

Border

The CSS property to change the border of an element to Yxy 75.4635, 0.3718, 0.3773 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, 220, 173) }
```

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

```
.border{ border-color:rgb(255, 220, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 220, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 220, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 220, 173);  
box-shadow:4px 4px 4px 4px rgb(255, 220,  
173) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 75.4635, 0.3718, 0.3773$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 220, 173) }
```

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

```
.background{ background-color: rgb(255,  
220, 173) }
```

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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