

Converting Colors

$Y_{xy}(74.0405, 0.3513, 0.3540)$

Have a look what the booklet for
Yxy(74.0405, 0.3513, 0.3540)
contains.

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Color

Yxy(73.9943, 0.3518, 0.3541)

Conversions

Conversions Part 1

Format	Color
Hex	F8DAC2
RGB	248, 218, 194
RGB Percent	97%, 85%, 76%
CMY	0.0276, 0.1450, 0.2391
CMYK	0.00, 0.12, 0.22, 0.03
HSL	27°, 79%, 87%
HSV	27°, 22%, 97%
XYZ	73.5137, 73.9943, 61.4564
YIQ	224.2340, 25.5840, -1.1040

Conversions

Conversions Part 2

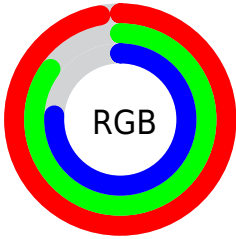
Format	Color
RYB	248, 237, 194
Decimal	16308930
CIELab	88.92, 6.72, 15.61
CIElCh	89, 16.998, 66.695
Yxy	73.9943, 0.3518, 0.3541
Android (android.graphics.Color)	4294499010 (0xFFF8DAC2)
YUV	224.2340, -14.9054, 20.8428
Hunter-Lab	86.0199, 2.0134, 17.8546

Details

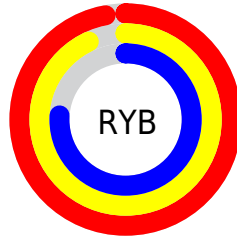
The Yxy color **73.9943, 0.3518, 0.3541** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.5434, 0.2784, 0.3025**, and the grayscale version is **74.8128, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.7450, 0.3150, 0.3328**, and **39.1642, 0.3614, 0.3600** is the 20% darker color. If you saturate the color by 10%, you get **66.1276, 0.3741, 0.3663**, and if you desaturate by 10%, it is **82.6467, 0.3323, 0.3422**.

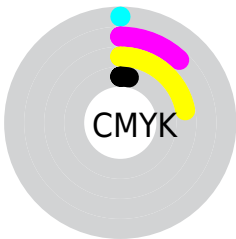
Distribution



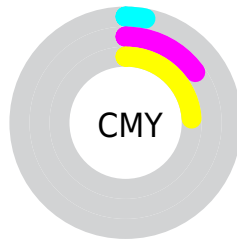
- Red (97%)
- Green (85%)
- Blue (76%)



- Red (97%)
- Yellow (93%)
- Blue (76%)



- Cyan (0%)
- Magenta (12%)
- Yellow (22%)
- Black (3%)




- Cyan (3%)
- Magenta (15%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.9943, 0.3518, 0.3541 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 73.9943, 0.3518, 0.3541 by changing the saturation by 10% instead.


 73.9943, 0.3518,
0.3541

 73.9943, 0.3518,
0.3541


474.4537, 0.3337,
0.3428

 54.7894, 0.3559,
0.3566


 124.8877, 0.3455,
0.3502

 39.2331, 0.3611,
0.3597


157.3450, 0.3431,
0.3487

 26.9411, 0.3675,
0.3635


194.9886, 0.3409,
0.3474

 17.5290, 0.3760,
0.3684

238.2027, 0.3391,
0.3462

 10.6124, 0.3875,
0.3748

287.3719, 0.3375,
0.3452

 5.8068, 0.4039,
0.3836

342.8806, 0.3361,

 2.7280, 0.4290,

0.3443

0.3959

405.1130, 0.3348,
0.3435

0.9914, 0.5328,
0.4672

0.0000, 1.0000,
0.0000

73.9943, 0.3518,
0.3541

73.9943, 0.3518,
0.3541

66.1276, 0.3741,
0.3663

82.6467, 0.3323,
0.3422

59.0131, 0.3994,
0.3784

92.0972, 0.3154,
0.3309

52.6292, 0.4272,
0.3895

98.6909, 0.3084,
0.3290

46.9494, 0.4571,
0.3985

■ 41.9451, 0.4875,
0.4043

■ 37.5853, 0.5166,
0.4054

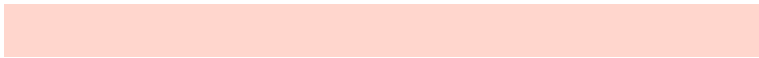
■ 33.8349, 0.5421,
0.4010

■ 31.1668, 0.5598,
0.3937

Harmonies

Analogous

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



73.9943, 0.3517, 0.3385



73.9943, 0.3518, 0.3541



73.9943, 0.3412, 0.3637

Triad

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



73.9943, 0.3518, 0.3541



73.9943, 0.2852, 0.3364



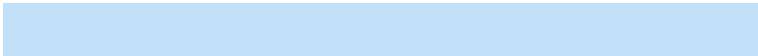
73.9943, 0.3015, 0.2967

Complementary

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



73.9943, 0.3518, 0.3541



71.5434, 0.2784, 0.3025

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.



73.9943, 0.2844, 0.2953



73.9943, 0.3518, 0.3541



73.9943, 0.2753, 0.3175

Square

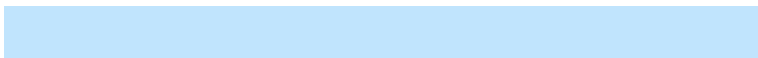
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.9943, 0.3518, 0.3541



73.9943, 0.3026, 0.3537



73.9943, 0.2750, 0.3026



73.9943, 0.3221, 0.3061

Rectangle

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



73.9943, 0.3518, 0.3541



73.9943, 0.3296, 0.3649



73.9943, 0.2750, 0.3026



73.9943, 0.2952, 0.2953

Sweetspot

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



73.9976, 0.3518, 0.3541



92.7423, 0.3240, 0.3368



63.9565, 0.3327, 0.2975



19.7210, 0.3250, 0.3374



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.



73.9976, 0.3518, 0.3541



75.1626, 0.3610, 0.3593



88.7726, 0.3463, 0.3800



18.4961, 0.3283, 0.3396



17.1108, 0.5571, 0.3959



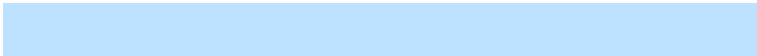
1.7925, 0.5366, 0.4121

Inverse Universe

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



71.5434, 0.2784, 0.3025



72.1270, 0.2715, 0.2966



58.4595, 0.2762, 0.2723



18.2413, 0.2980, 0.3182



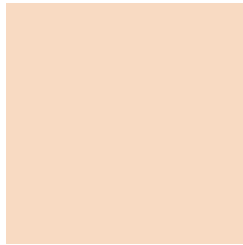
13.7167, 0.1823, 0.1764



1.4819, 0.1878, 0.1961

Previews

White Background



This preview shows how the Yxy color 73.9943, 0.3518, 0.3541 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 73.9943, 0.3518, 0.3541 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

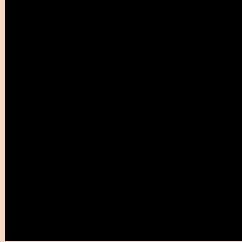
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.9943, 0.3518, 0.3541

Background



This preview shows how black text looks on a background with the Yxy color 73.9943, 0.3518, 0.3541.

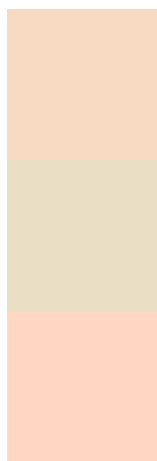


This preview shows how white text looks on a background with the Yxy color 73.9943, 0.3518, 0.3541.

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

73.9943, 0.3518, 0.3541

Protanopia

74.2533, 0.3389, 0.3580

Deuteranopia

73.8010, 0.3571, 0.3496



Tritanopia

73.9411, 0.3304, 0.3129

Trichromacy



Original Color

73.9943, 0.3518, 0.3541

Protanomaly

74.0038, 0.3437, 0.3567

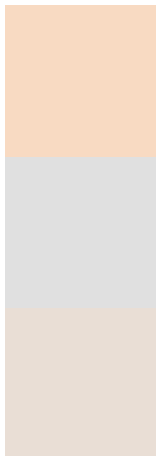
Deuteranomaly

73.7473, 0.3546, 0.3508

Tritanomaly

74.0680, 0.3387, 0.3281

Monochromacy



Original Color

73.9943, 0.3518, 0.3541

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.3703, 0.3266, 0.3386

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.9943, 0.3518, 0.3541 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(248, 218, 194)` looks like.

```
.text, #text, p{  
    color:rgb(248, 218, 194)  
}
```

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(248, 218, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 218, 194) }
```

Border

The CSS property to change the border of an element to Yxy 73.9943, 0.3518, 0.3541 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(248, 218, 194) }
```

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

```
.border{ border-color:rgb(248, 218, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 218, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(248, 218, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(248, 218, 194); box-shadow:4px 4px 4px 4px rgb(248, 218, 194) }
```


Background

The CSS property to change the background color of an element to Yxy 73.9943, 0.3518, 0.3541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 218, 194) }
```

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

```
.background{ background-color: rgb(248,  
218, 194) }
```

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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