

Converting Colors

$Y_{xy}(74.3322, 0.3509, 0.3552)$

Have a look what the booklet for
Yxy(74.3322, 0.3509, 0.3552)
contains.

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Color

Yxy(74.3322, 0.3509, 0.3552)

Conversions

Conversions Part 1

Format	Color
Hex	F7DBC2
RGB	247, 219, 194
RGB Percent	97%, 86%, 76%
CMY	0.0313, 0.1412, 0.2393
CMYK	0.00, 0.11, 0.21, 0.03
HSL	28°, 77%, 86%
HSV	28°, 21%, 97%
XYZ	73.4323, 74.3322, 61.5040
YIQ	224.5220, 24.7130, -1.8390

Conversions

Conversions Part 2

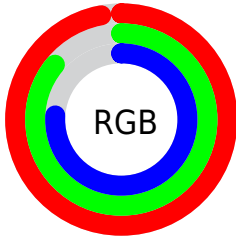
Format	Color
RYB	247, 241, 194
Decimal	16243650
CIELab	89.08, 5.87, 15.84
CIELCh	89, 16.896, 69.676
Yxy	74.3322, 0.3509, 0.3552
Android (android.graphics.Color)	4294433730 (0xFFF7DBC2)
YUV	224.5220, -15.0473, 19.7132
Hunter-Lab	86.2161, 1.1545, 18.0556

Details

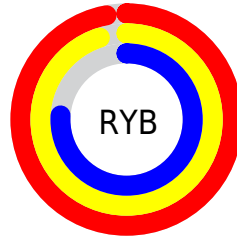
The Yxy color **74.3322, 0.3509, 0.3552** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.4327, 0.2787, 0.3013**, and the grayscale version is **75.0339, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.7450, 0.3150, 0.3328**, and **39.3915, 0.3601, 0.3615** is the 20% darker color. If you saturate the color by 10%, you get **66.7705, 0.3728, 0.3681**, and if you desaturate by 10%, it is **82.6192, 0.3317, 0.3426**.

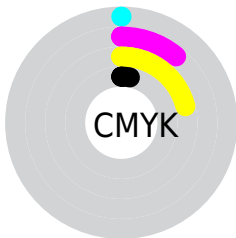
Distribution



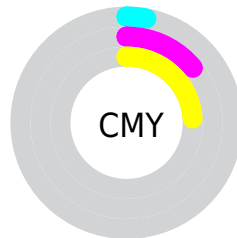
- Red (97%)
- Green (86%)
- Blue (76%)



- Red (97%)
- Yellow (95%)
- Blue (76%)



- Cyan (0%)
- Magenta (11%)
- Yellow (21%)
- Black (3%)





- Cyan (3%)
- Magenta (14%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.3322, 0.3509, 0.3552 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 74.3322, 0.3509, 0.3552 by changing the saturation by 10% instead.


 74.3322, 0.3509,
0.3552

 74.3322, 0.3509,
0.3552


475.6191, 0.3332,
0.3433

 55.0660, 0.3549,
0.3578


 125.3666, 0.3448,
0.3511

 39.4545, 0.3599,
0.3611


157.9036, 0.3424,
0.3495

 27.1135, 0.3662,
0.3651


195.6329, 0.3403,
0.3482

 17.6585, 0.3744,
0.3702

238.9391, 0.3385,
0.3470

 10.7051, 0.3856,
0.3770

288.2063, 0.3370,
0.3459

 5.8689, 0.4014,
0.3863

343.8192, 0.3356,

 2.7655, 0.4256,

0.3449

0.3995

406.1620, 0.3343,
0.3441

1.0106, 0.5269,
0.4731

0.0000, 1.0000,
0.0000

74.3322, 0.3509,
0.3552

74.3322, 0.3509,
0.3552

66.7705, 0.3728,
0.3681

82.6192, 0.3317,
0.3426

59.9027, 0.3973,
0.3809

91.6417, 0.3150,
0.3307

53.7098, 0.4243,
0.3927

98.5193, 0.3078,
0.3290

48.1676, 0.4530,
0.4024

■ 43.2505, 0.4821,
0.4089

■ 38.9301, 0.5099,
0.4107

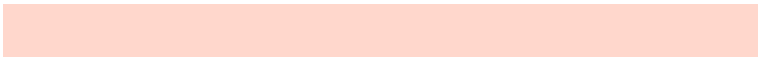
■ 35.1748, 0.5343,
0.4070

■ 32.3852, 0.5518,
0.4001

Harmonies

Analogous

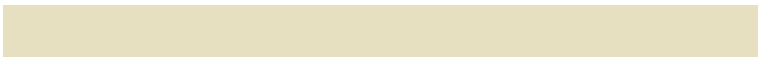
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.3322, 0.3519, 0.3401



74.3322, 0.3509, 0.3552



74.3322, 0.3394, 0.3639

Triad

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



74.3322, 0.3509, 0.3552



74.3322, 0.2841, 0.3344



74.3322, 0.3035, 0.2976

Complementary

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



74.3322, 0.3509, 0.3552



70.4327, 0.2787, 0.3013

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.



74.3322, 0.2860, 0.2953



74.3322, 0.3509, 0.3552



74.3322, 0.2751, 0.3158

Square

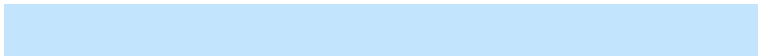
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.3322, 0.3509, 0.3552



74.3322, 0.3007, 0.3520



74.3322, 0.2758, 0.3017



74.3322, 0.3240, 0.3075

Rectangle

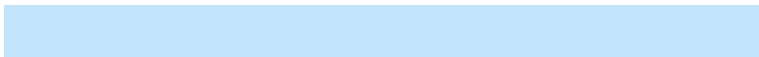
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.3322, 0.3509, 0.3552



74.3322, 0.3276, 0.3645



74.3322, 0.2758, 0.3017



74.3322, 0.2971, 0.2959

Sweetspot

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



74.3356, 0.3509, 0.3552



94.0033, 0.3223, 0.3360



63.6431, 0.3337, 0.2997



19.9846, 0.3234, 0.3368



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.



74.3356, 0.3509, 0.3552



76.0901, 0.3606, 0.3611



89.1360, 0.3455, 0.3810



17.7713, 0.3282, 0.3402



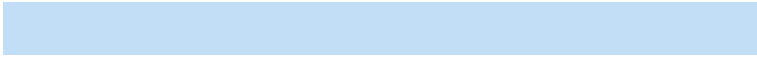
17.4025, 0.5491, 0.4022



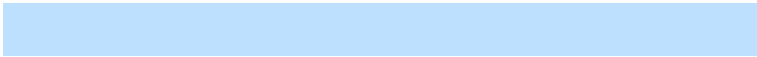
1.7336, 0.5287, 0.4184

Inverse Universe

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



70.4327, 0.2787, 0.3013



71.1685, 0.2713, 0.2946



57.5509, 0.2766, 0.2711



17.3763, 0.2980, 0.3176



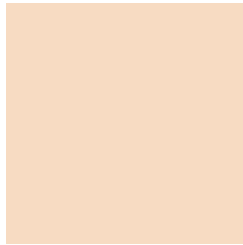
12.3549, 0.1798, 0.1673



1.2916, 0.1858, 0.1890

Previews

White Background



This preview shows how the Yxy color 74.3322, 0.3509, 0.3552 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 74.3322, 0.3509, 0.3552 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

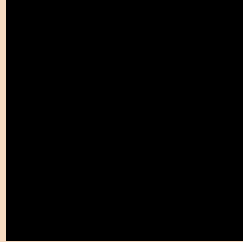
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.3322, 0.3509, 0.3552

Background



This preview shows how black text looks on a background with the Yxy color 74.3322, 0.3509, 0.3552.



This preview shows how white text looks on a background with the Yxy color 74.3322, 0.3509, 0.3552.

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

74.3322, 0.3509, 0.3552

Protanopia

74.2533, 0.3389, 0.3580

Deuteranopia

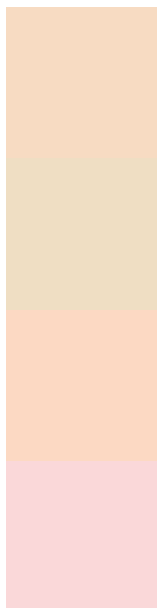
74.3573, 0.3562, 0.3496



Tritanopia

74.5018, 0.3296, 0.3129

Trichromacy



Original Color

74.3322, 0.3509, 0.3552

Protanomaly

74.5334, 0.3435, 0.3577

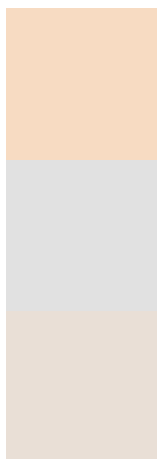
Deuteranomaly

74.2613, 0.3544, 0.3518

Tritanomaly

74.4455, 0.3371, 0.3281

Monochromacy



Original Color

74.3322, 0.3509, 0.3552

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

74.9540, 0.3258, 0.3386

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.3322, 0.3509, 0.3552 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(247, 219, 194)` looks like.

```
.text, #text, p{  
    color:rgb(247, 219, 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(247, 219, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 219, 194) }
```

Border

The CSS property to change the border of an element to Yxy 74.3322, 0.3509, 0.3552 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(247, 219, 194) }
```

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

```
.border{ border-color:rgb(247, 219, 194) }
```

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

Here you see how a box with a 4 pixel rgb(247, 219, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 219, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 219, 194);  
box-shadow:4px 4px 4px 4px rgb(247, 219,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 74.3322, 0.3509, 0.3552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 219, 194) }
```

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

```
.background{ background-color: rgb(247,  
219, 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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