

Converting Colors

$Yxy(74.6932, 0.3396, 0.3502)$

Have a look what the booklet for
Yxy(74.6932, 0.3396, 0.3502)
contains.

Yxy(74.9849, 0.3401, 0.3512)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(74.9849, 0.3401, 0.3512)

Conversions

Conversions Part 1

Format	Color
Hex	F0DEC9
RGB	240, 222, 201
RGB Percent	94%, 87%, 79%
CMY	0.0586, 0.1295, 0.2117
CMYK	0.00, 0.08, 0.16, 0.06
HSL	32°, 57%, 86%
HSV	32°, 16%, 94%
XYZ	72.6149, 74.9849, 65.9107
YIQ	224.9880, 17.4690, -2.7150

Conversions

Conversions Part 2

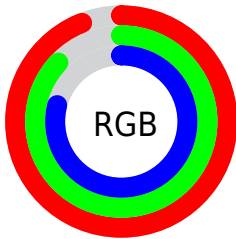
Format	Color
R _Y B	234, 240, 201
Decimal	15785673
CIE Lab	89.39, 2.84, 12.51
CIE LCh	89, 12.833, 77.225
Yxy	74.9849, 0.3401, 0.3512
Android (android.graphics.Color)	4293975753 (0xFFF0DEC9)
YUV	224.9880, -11.8261, 13.1655
Hunter-Lab	86.5938, -1.8545, 15.4872

Details

The Yxy color $74.9849, 0.3401, 0.3512$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $69.4218, 0.2871, 0.3058$, and the grayscale version is $75.3704, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $39.9344, 0.3467, 0.3564$ is the 20% darker color. If you saturate the color by 10%, you get $68.2362, 0.3598, 0.3656$, and if you desaturate by 10%, it is $82.3059, 0.3226, 0.3373$.

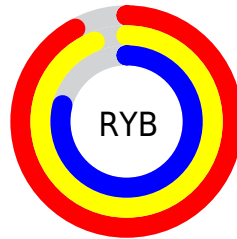
Distribution



Red (94%)

Green (87%)

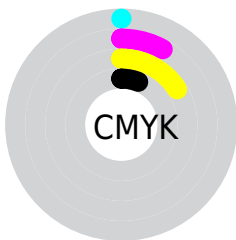
Blue (79%)



Red (92%)

Yellow (94%)

Blue (79%)

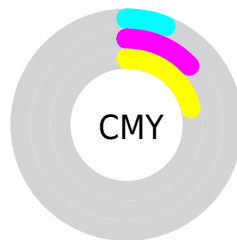


Cyan (0%)

Magenta (8%)

Yellow (16%)

Black (6%)



Cyan (6%)


Magenta (13%)

Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.9849, 0.3401, 0.3512 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 74.9849, 0.3401, 0.3512 by changing the saturation by 10% instead.


 74.9849, 0.3401,
0.3512

 74.9849, 0.3401,
0.3512

477.8657, 0.3275,
0.3411

 55.6005, 0.3430,
0.3535


126.2910, 0.3357,
0.3477

 39.8827, 0.3465,
0.3563


158.9815, 0.3340,
0.3463

 27.4471, 0.3510,
0.3598


196.8761, 0.3325,
0.3452

 17.9093, 0.3569,
0.3644

240.3594, 0.3313,
0.3441

 10.8849, 0.3648,
0.3705

289.8155, 0.3301,
0.3432

 5.9895, 0.3762,
0.3791

345.6290, 0.3291,

 2.8387, 0.3937,

0.3424

0.3920

408.1843, 0.3283,
0.3417

■ 1.0481, 0.4519,
0.4403

■ 0.0000, 1.0000,
0.0000

■ 74.9849, 0.3401,
0.3512

■ 74.9849, 0.3401,
0.3512

■ 68.2362, 0.3598,
0.3656

■ 82.3059, 0.3226,
0.3373

■ 62.0342, 0.3818,
0.3802

■ 90.2040, 0.3072,
0.3242

■ 56.3656, 0.4059,
0.3942

■ 97.2758, 0.3036,
0.3290

■ 51.2130, 0.4315,
0.4067

■ 46.5576, 0.4576,
0.4165

■ 42.3788, 0.4830,
0.4224

■ 38.6537, 0.5061,
0.4231

■ 35.3557, 0.5255,
0.4184

■ 34.2213, 0.5321,
0.4157

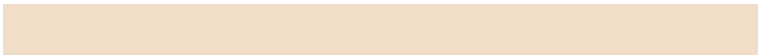
Harmonies

Analogous

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



74.9849, 0.3429, 0.3408



74.9849, 0.3401, 0.3512



74.9849, 0.3298, 0.3559

Triad

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



74.9849, 0.3401, 0.3512



74.9849, 0.2886, 0.3296



74.9849, 0.3097, 0.3064

Complementary

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



74.9849, 0.3401, 0.3512



69.4218, 0.2871, 0.3058

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.



74.9849, 0.2954, 0.3031



74.9849, 0.3401, 0.3512



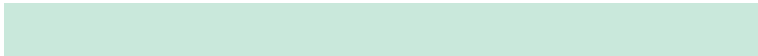
74.9849, 0.2834, 0.3161

Square

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



74.9849, 0.3401, 0.3512



74.9849, 0.3001, 0.3433



74.9849, 0.2859, 0.3065



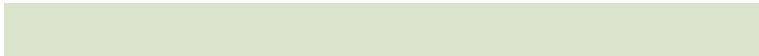
74.9849, 0.3251, 0.3153

Rectangle

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



74.9849, 0.3401, 0.3512



74.9849, 0.3203, 0.3549



74.9849, 0.2859, 0.3065



74.9849, 0.3046, 0.3046

Sweetspot

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



74.9882, 0.3401, 0.3512



95.4980, 0.3206, 0.3356



65.4412, 0.3298, 0.3098



20.3080, 0.3217, 0.3366



0.0000, 0.0000, 0.0000



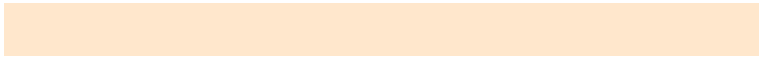
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.9882, 0.3401, 0.3512



82.9920, 0.3473, 0.3566



84.8818, 0.3363, 0.3695



17.1652, 0.3280, 0.3417



18.9923, 0.5298, 0.4175



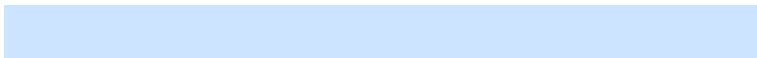
1.7789, 0.5113, 0.4322

Inverse Universe

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



69.4218, 0.2871, 0.3058



75.3279, 0.2808, 0.2997



60.6738, 0.2871, 0.2852



16.4346, 0.2980, 0.3160



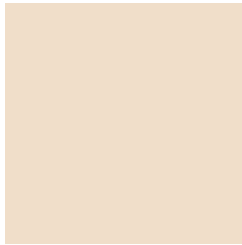
9.9383, 0.1738, 0.1457



1.0238, 0.1807, 0.1705

Previews

White Background



This preview shows how the Yxy color 74.9849, 0.3401, 0.3512 looks on a white background.

Color Contrast Check

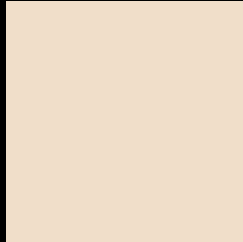
Large Text (above 18pt) WCAG AA × Fail

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 74.9849, 0.3401, 0.3512 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

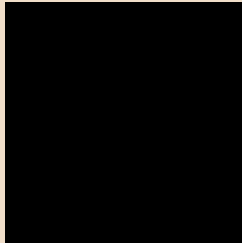
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

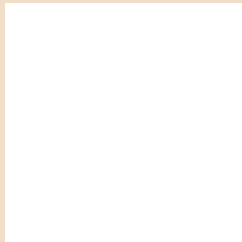
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.9849, 0.3401, 0.3512

Background



This preview shows how black text looks on a background with the Yxy color 74.9849, 0.3401, 0.3512.

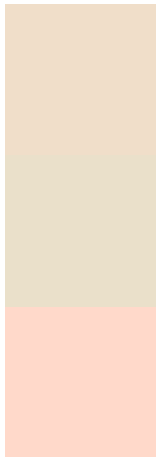


This preview shows how white text looks on a background with the Yxy color 74.9849, 0.3401, 0.3512.

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

74.9849, 0.3401, 0.3512

Protanopia

75.0680, 0.3346, 0.3526

Deuteranopia

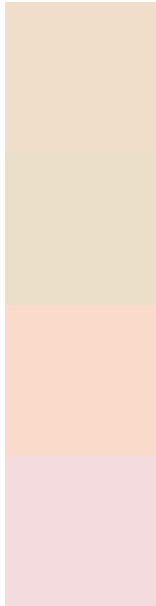
75.1500, 0.3516, 0.3444



Tritanopia

74.7993, 0.3207, 0.3117

Trichromacy



Original Color

74.9849, 0.3401, 0.3512

Protanomaly

74.8725, 0.3362, 0.3514

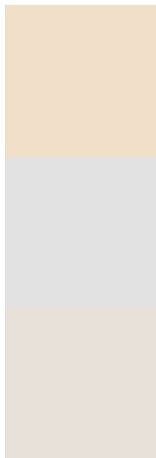
Deuteranomaly

75.2513, 0.3474, 0.3466

Tritanomaly

74.9916, 0.3281, 0.3259

Monochromacy



Original Color

74.9849, 0.3401, 0.3512

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.0922, 0.3222, 0.3376

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.9849, 0.3401, 0.3512 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(240, 222, 201)` looks like.

```
.text, #text, p{  
    color:rgb(240, 222, 201)  
}
```

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(240, 222, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 222, 201) }
```

Border

The CSS property to change the border of an element to Yxy 74.9849, 0.3401, 0.3512 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(240, 222, 201) }
```

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

```
.border{ border-color:rgb(240, 222, 201) }
```

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

Here you see how a box with a 4 pixel rgb(240, 222, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 222, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 222, 201);  
box-shadow:4px 4px 4px 4px rgb(240, 222,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 74.9849, 0.3401, 0.3512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 222, 201) }
```

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

```
.background{ background-color: rgb(240,  
222, 201) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor