

Converting Colors

$Yxy(74.3649, 0.3421, 0.3609)$

Have a look what the booklet for
Yxy(74.3649, 0.3421, 0.3609)
contains.

Yxy(74.4585, 0.3425, 0.3612)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(74.4585, 0.3425, 0.3612)

Conversions

Conversions Part 1

Format	Color
Hex	ECDFC1
RGB	236, 223, 193
RGB Percent	93%, 87%, 76%
CMY	0.0745, 0.1255, 0.2433
CMYK	0.00, 0.06, 0.18, 0.07
HSL	42°, 53%, 84%
HSV	42°, 18%, 93%
XYZ	70.6036, 74.4585, 61.0799
YIQ	223.4670, 17.3780, -6.5740

Conversions

Conversions Part 2

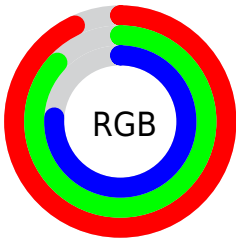
Format	Color
R _Y B	212, 236, 193
Decimal	15523777
CIE Lab	89.14, -0.36, 16.33
CIE LCh	89, 16.331, 91.251
Yxy	74.4585, 0.3425, 0.3612
Android (android.graphics.Color)	4293713857 (0xFFE0C0)
YUV	223.4670, -15.0202, 10.9914
Hunter-Lab	86.2893, -4.9541, 18.4341

Details

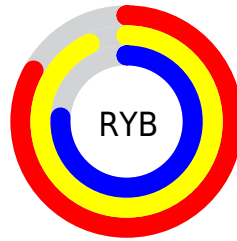
The Yxy color **74.4585, 0.3425, 0.3612** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **61.5141, 0.2834, 0.2946**, and the grayscale version is **74.2418, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6821, 0.3156, 0.3338**, and **39.5726, 0.3498, 0.3693** is the 20% darker color. If you saturate the color by 10%, you get **69.7620, 0.3609, 0.3796**, and if you desaturate by 10%, it is **79.4901, 0.3255, 0.3432**.

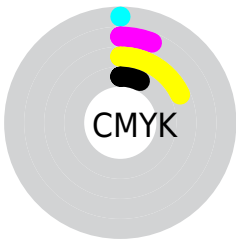
Distribution



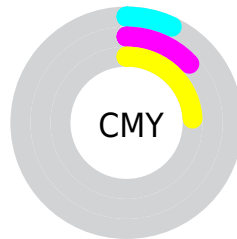
- Red (93%)
- Green (87%)
- Blue (76%)



- Red (83%)
- Yellow (93%)
- Blue (76%)



- Cyan (0%)
- Magenta (6%)
- Yellow (18%)
- Black (7%)




- Cyan (7%)
- Magenta (13%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.4585, 0.3425, 0.3612 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 74.4585, 0.3425, 0.3612 by changing the saturation by 10% instead.

 74.4585, 0.3425,
0.3612

 74.4585, 0.3425,
0.3612


476.0543, 0.3288,
0.3464

 55.1694, 0.3456,
0.3646


 125.5455, 0.3378,
0.3561

 39.5374, 0.3494,
0.3687

158.1123, 0.3359,
0.3541

 27.1780, 0.3543,
0.3739


195.8737, 0.3343,
0.3523

 17.7070, 0.3605,
0.3807

239.2141, 0.3329,
0.3508

 10.7398, 0.3689,
0.3899

288.5180, 0.3317,
0.3495

 5.8922, 0.3808,
0.4028

344.1697, 0.3306,

 2.7796, 0.3985,

0.3483

0.4223

406.5537, 0.3297,
0.3473

■ 1.0178, 0.4848,
0.5152

■ 0.0000, 0.0000,
0.0000

■ 74.4585, 0.3425,
0.3612

■ 74.4585, 0.3425,
0.3612

■ 69.7620, 0.3609,
0.3796

■ 79.4901, 0.3255,
0.3432

■ 65.3808, 0.3804,
0.3979

■ 84.8561, 0.3101,
0.3260

■ 61.3075, 0.4006,
0.4153

■ 89.9912, 0.3012,
0.3184

■ 57.5307, 0.4209,
0.4306

■ 94.3734, 0.3012,
0.3255

■ 54.0380, 0.4403,
0.4429

■ 96.5742, 0.3011,
0.3290

■ 50.8152, 0.4578,
0.4511

■ 47.8463, 0.4726,
0.4543

■ 45.1092, 0.4842,
0.4527

■ 44.6460, 0.4862,
0.4522

Harmonies

Analogous

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



74.4585, 0.3510, 0.3507



74.4585, 0.3425, 0.3612



74.4585, 0.3261, 0.3631

Triad

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



74.4585, 0.3425, 0.3612



74.4585, 0.2779, 0.3211



74.4585, 0.3181, 0.3049

Complementary

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



74.4585, 0.3425, 0.3612



61.5141, 0.2834, 0.2946

Split Complementary

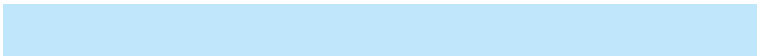
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.4585, 0.2986, 0.2972



74.4585, 0.3425, 0.3612



74.4585, 0.2758, 0.3058

Square

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



74.4585, 0.3425, 0.3612



74.4585, 0.2889, 0.3394



74.4585, 0.2833, 0.2973



74.4585, 0.3367, 0.3185

Rectangle

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



74.4585, 0.3425, 0.3612



74.4585, 0.3130, 0.3588



74.4585, 0.2833, 0.2973



74.4585, 0.3114, 0.3015

Sweetspot

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



74.4618, 0.3425, 0.3612



96.7734, 0.3204, 0.3376



60.4427, 0.3373, 0.3143



20.6182, 0.3215, 0.3388



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.



74.4618, 0.3425, 0.3612



86.5607, 0.3494, 0.3683



80.3569, 0.3345, 0.3752



16.8143, 0.3275, 0.3454



24.8458, 0.4848, 0.4533



2.1186, 0.4736, 0.4622

Inverse Universe

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



61.5141, 0.2834, 0.2946



68.3802, 0.2768, 0.2864



56.5773, 0.2883, 0.2800



15.2907, 0.2980, 0.3121



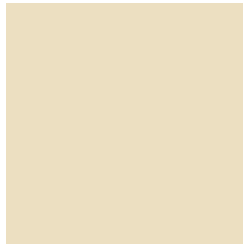
6.0405, 0.1612, 0.1004



0.6379, 0.1688, 0.1277

Previews

White Background



This preview shows how the Yxy color 74.4585, 0.3425, 0.3612 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 74.4585, 0.3425, 0.3612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

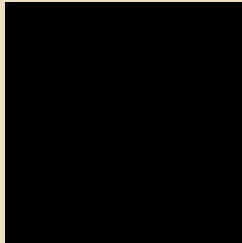
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

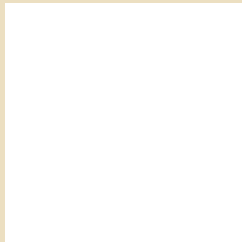
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.4585, 0.3425, 0.3612

Background



This preview shows how black text looks on a background with the Yxy color 74.4585, 0.3425, 0.3612.

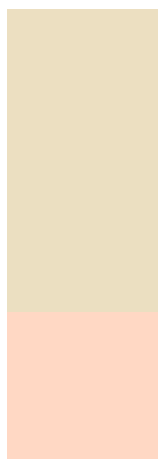


This preview shows how white text looks on a background with the Yxy color 74.4585, 0.3425, 0.3612.

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

74.4585, 0.3425, 0.3612

Protanopia

74.2878, 0.3417, 0.3612

Deuteranopia

74.3573, 0.3562, 0.3496



Tritanopia

74.2670, 0.3186, 0.3115

Trichromacy



Original Color

74.4585, 0.3425, 0.3612

Protanomaly

74.2878, 0.3417, 0.3612

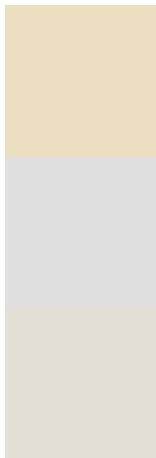
Deuteranomaly

74.5596, 0.3509, 0.3541

Tritanomaly

74.1282, 0.3272, 0.3290

Monochromacy



Original Color

74.4585, 0.3425, 0.3612

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

74.0228, 0.3236, 0.3409

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.4585, 0.3425, 0.3612 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(236, 223, 193)` looks like.

```
.text, #text, p{  
    color:rgb(236, 223, 193)  
}
```

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(236, 223, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 223, 193) }
```

Border

The CSS property to change the border of an element to Yxy 74.4585, 0.3425, 0.3612 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(236, 223, 193) }
```

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

```
.border{ border-color:rgb(236, 223, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 223, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 223, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 223, 193);  
box-shadow:4px 4px 4px 4px rgb(236, 223,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 74.4585, 0.3425, 0.3612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 223, 193) }
```

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

```
.background{ background-color: rgb(236,  
223, 193) }
```

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