

Converting Colors

$Yxy(73.4461, 0.3472, 0.3688)$

Have a look what the booklet for
Yxy(73.4461, 0.3472, 0.3688)
contains.

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Color

Yxy(73.4075, 0.3475, 0.3689)

Conversions

Conversions Part 1

Format	Color
Hex	EBDEB9
RGB	235, 222, 185
RGB Percent	92%, 87%, 73%
CMY	0.0783, 0.1294, 0.2744
CMYK	0.00, 0.06, 0.21, 0.08
HSL	44°, 56%, 82%
HSV	44°, 21%, 92%
XYZ	69.1491, 73.4075, 56.4336
YIQ	221.6690, 19.6250, -8.7510

Conversions

Conversions Part 2

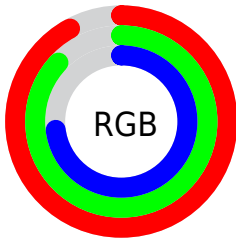
Format	Color
R _Y B	203, 235, 185
Decimal	15457977
CIE Lab	88.64, -1.35, 19.76
CIE LCh	89, 19.809, 93.895
Yxy	73.4075, 0.3475, 0.3689
Android (android.graphics.Color)	4293648057 (0xFFEBDEB9)
YUV	221.6690, -18.0778, 11.6913
Hunter-Lab	85.6782, -5.8731, 20.9222

Details

The Yxy color **73.4075, 0.3475, 0.3689** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **56.7332, 0.2780, 0.2856**, and the grayscale version is **72.9264, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1309, 0.3209, 0.3425**, and **38.8871, 0.3555, 0.3780** is the 20% darker color. If you saturate the color by 10%, you get **69.3021, 0.3657, 0.3883**, and if you desaturate by 10%, it is **77.8019, 0.3304, 0.3497**.

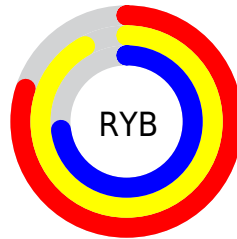
Distribution



Red (92%)

Green (87%)

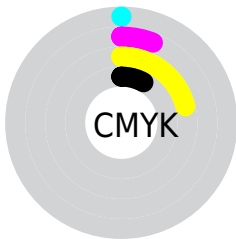
Blue (73%)



Red (80%)

Yellow (92%)

Blue (73%)

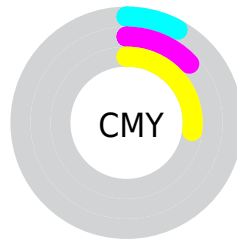


Cyan (0%)

Magenta (6%)

Yellow (21%)

Black (8%)



Cyan (8%)


Magenta (13%)

Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.4075, 0.3475, 0.3689 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 73.4075, 0.3475, 0.3689 by changing the saturation by 10% instead.


 73.4075, 0.3475,
0.3689

 73.4075, 0.3475,
0.3689


472.4259, 0.3315,
0.3505

 54.3092, 0.3511,
0.3731

 124.0555, 0.3420,
0.3625

 38.8489, 0.3556,
0.3783


156.3741, 0.3398,
0.3600

 26.6422, 0.3612,
0.3848


193.8682, 0.3380,
0.3579

 17.3047, 0.3684,
0.3932

236.9223, 0.3363,
0.3560

 10.4520, 0.3780,
0.4046

285.9207, 0.3349,
0.3544

 5.6997, 0.3914,
0.4206

341.2478, 0.3336,

 2.6633, 0.4111,

0.3529

0.4445

403.2881, 0.3325,
0.3516

0.9586, 0.4778,
0.5222

0.0000, 0.0000,
0.0000

73.4075, 0.3475,
0.3689

73.4075, 0.3475,
0.3689

69.3021, 0.3657,
0.3883

77.8019, 0.3304,
0.3497

65.4666, 0.3847,
0.4073

82.4842, 0.3146,
0.3313

61.8942, 0.4040,
0.4249

87.4316, 0.3006,
0.3144

58.5741, 0.4227,
0.4402

91.1088, 0.3006,
0.3205

■ 55.4942, 0.4400,
0.4521

■ 94.9091, 0.3006,
0.3266

■ 52.6409, 0.4550,
0.4595

■ 96.4081, 0.3006,
0.3290

■ 49.9982, 0.4671,
0.4620

■ 47.8435, 0.4754,
0.4608

Harmonies

Analogous

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



73.4075, 0.3590, 0.3566



73.4075, 0.3475, 0.3689



73.4075, 0.3268, 0.3704

Triad

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



73.4075, 0.3475, 0.3689



73.4075, 0.2698, 0.3173



73.4075, 0.3213, 0.3010

Complementary

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



73.4075, 0.3475, 0.3689



56.7332, 0.2780, 0.2856

Split Complementary

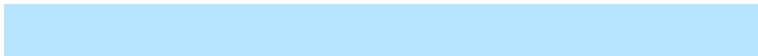
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.4075, 0.2974, 0.2910



73.4075, 0.3475, 0.3689



73.4075, 0.2684, 0.2994

Square

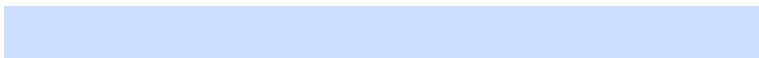
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.4075, 0.3475, 0.3689



73.4075, 0.2822, 0.3396



73.4075, 0.2783, 0.2902



73.4075, 0.3436, 0.3179

Rectangle

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



73.4075, 0.3475, 0.3689



73.4075, 0.3108, 0.3645



73.4075, 0.2783, 0.2902



73.4075, 0.3132, 0.2968

Sweetspot

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



73.4108, 0.3475, 0.3689



96.5344, 0.3219, 0.3399



56.4682, 0.3444, 0.3144



20.5833, 0.3230, 0.3411



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.



73.4108, 0.3475, 0.3689



85.9028, 0.3562, 0.3783



78.6861, 0.3364, 0.3835



16.9236, 0.3274, 0.3463



26.8362, 0.4743, 0.4616



2.2618, 0.4650, 0.4690

Inverse Universe

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



56.7332, 0.2780, 0.2856



62.1372, 0.2694, 0.2743



52.5351, 0.2855, 0.2712



15.1875, 0.2980, 0.3111



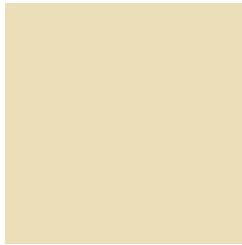
5.3880, 0.1587, 0.0912



0.5752, 0.1660, 0.1176

Previews

White Background



This preview shows how the Yxy color 73.4075, 0.3475, 0.3689 looks on a white background.

Color Contrast Check

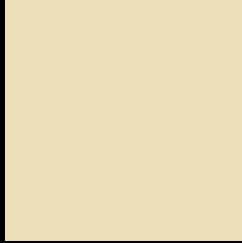
Large Text (above 18pt) WCAG AA × Fail

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 73.4075, 0.3475, 0.3689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

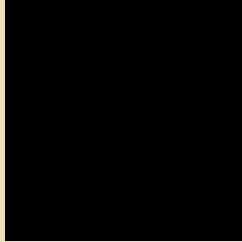
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.4075, 0.3475, 0.3689

Background



This preview shows how black text looks on a background with the Yxy color 73.4075, 0.3475, 0.3689.

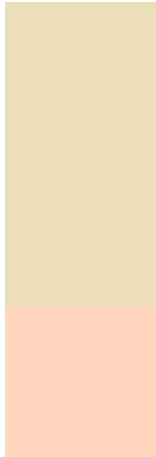


This preview shows how white text looks on a background with the Yxy color 73.4075, 0.3475, 0.3689.

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

73.4075, 0.3475, 0.3689

Protanopia

73.4075, 0.3475, 0.3689

Deuteranopia

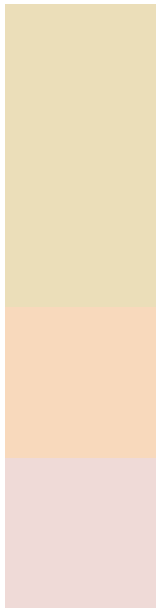
73.0273, 0.3618, 0.3548



Tritanopia

73.1278, 0.3201, 0.3115

Trichromacy



Original Color

73.4075, 0.3475, 0.3689

Protanomaly

73.4075, 0.3475, 0.3689

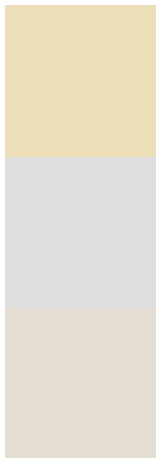
Deuteranomaly

73.2130, 0.3564, 0.3594

Tritanomaly

73.3998, 0.3301, 0.3322

Monochromacy



Original Color

73.4075, 0.3475, 0.3689

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.1769, 0.3250, 0.3431

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.4075, 0.3475, 0.3689 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(235, 222, 185)` looks like.

```
.text, #text, p{  
    color:rgb(235, 222, 185)  
}
```

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(235, 222, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 222, 185) }
```

Border

The CSS property to change the border of an element to Yxy 73.4075, 0.3475, 0.3689 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(235, 222, 185) }
```

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

```
.border{ border-color:rgb(235, 222, 185) }
```

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

Here you see how a box with a 4 pixel rgb(235, 222, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 222, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 222, 185);  
box-shadow:4px 4px 4px 4px rgb(235, 222,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 73.4075, 0.3475, 0.3689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 222, 185) }
```

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

```
.background{ background-color: rgb(235,  
222, 185) }
```

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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