

Converting Colors

$Yxy(74.1641, 0.3420, 0.3624)$

Have a look what the booklet for
Yxy(74.1641, 0.3420, 0.3624)
contains.

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Color

Yxy(74.0735, 0.3417, 0.3624)

Conversions

Conversions Part 1

Format	Color
Hex	EADFC0
RGB	234, 223, 192
RGB Percent	92%, 87%, 75%
CMY	0.0822, 0.1255, 0.2471
CMYK	0.00, 0.05, 0.18, 0.08
HSL	44°, 50%, 84%
HSV	44°, 18%, 92%
XYZ	69.8425, 74.0735, 60.4811
YIQ	222.7550, 16.5070, -7.3090

Conversions

Conversions Part 2

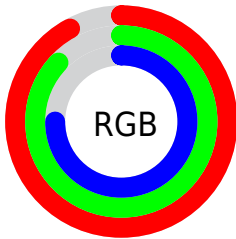
Format	Color
R_{YB}	207, 234, 192
Decimal	15392704
CIE _{Lab}	88.96, -1.21, 16.56
CIE _{LCh}	89, 16.599, 94.171
Yxy	74.0735, 0.3417, 0.3624
Android (android.graphics.Color)	4293582784 (0xFFEADFC0)
YUV	222.7550, -15.1622, 9.8619
Hunter-Lab	86.0660, -5.7628, 18.5813

Details

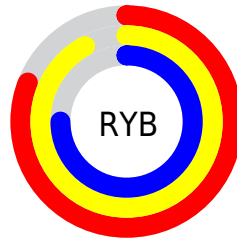
The Yxy color **74.0735, 0.3417, 0.3624** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **59.8788, 0.2838, 0.2932**, and the grayscale version is **73.7146, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.5573, 0.3168, 0.3357**, and **39.3052, 0.3488, 0.3710** is the 20% darker color. If you saturate the color by 10%, you get **69.8946, 0.3596, 0.3817**, and if you desaturate by 10%, it is **78.5432, 0.3250, 0.3435**.

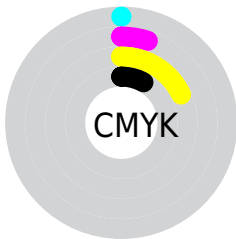
Distribution



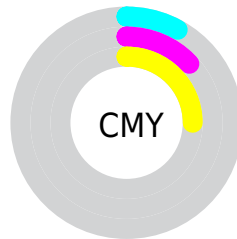
- Red (92%)
- Green (87%)
- Blue (75%)



- Red (81%)
- Yellow (92%)
- Blue (75%)



- Cyan (0%)
- Magenta (5%)
- Yellow (18%)
- Black (8%)





- Cyan (8%)
- Magenta (13%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.0735, 0.3417, 0.3624 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 74.0735, 0.3417, 0.3624 by changing the saturation by 10% instead.


 74.0735, 0.3417,
0.3624

 74.0735, 0.3417,
0.3624


474.7270, 0.3284,
0.3470

 54.8542, 0.3447,
0.3659


 125.0000, 0.3371,
0.3571

 39.2850, 0.3484,
0.3702


157.4760, 0.3353,
0.3550

 26.9815, 0.3531,
0.3757


195.1396, 0.3337,
0.3532

 17.5593, 0.3592,
0.3828

238.3754, 0.3324,
0.3516

 10.6341, 0.3673,
0.3925

287.5676, 0.3312,
0.3502

 5.8214, 0.3788,
0.4061

343.1007, 0.3301,

 2.7368, 0.3959,

0.3490

0.4268

405.3590, 0.3292,
0.3479

0.9959, 0.4788,
0.5212

0.0000, 0.0000,
0.0000

74.0735, 0.3417,
0.3624

74.0735, 0.3417,
0.3624

69.8946, 0.3596,
0.3817

78.5432, 0.3250,
0.3435

65.9877, 0.3784,
0.4009

83.3024, 0.3097,
0.3254

62.3464, 0.3977,
0.4191

87.8896, 0.3000,
0.3154

58.9601, 0.4167,
0.4352

91.6000, 0.3000,
0.3216

■ 55.8174, 0.4347,
0.4483

■ 95.4345, 0.3000,
0.3277

■ 52.9054, 0.4506,
0.4572

■ 96.2391, 0.3000,
0.3290

■ 50.2090, 0.4638,
0.4614

■ 47.7079, 0.4739,
0.4608

■ 47.2170, 0.4758,
0.4604

Harmonies

Analogous

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



74.0735, 0.3513, 0.3524



74.0735, 0.3417, 0.3624



74.0735, 0.3244, 0.3633

Triad

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



74.0735, 0.3417, 0.3624



74.0735, 0.2766, 0.3192



74.0735, 0.3202, 0.3056

Complementary

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



74.0735, 0.3417, 0.3624



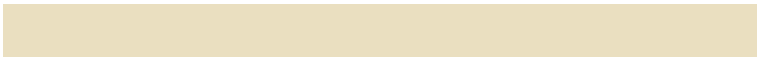
59.8788, 0.2838, 0.2932

Split Complementary

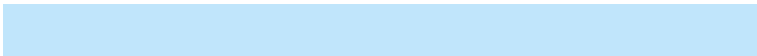
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.0735, 0.3002, 0.2970



74.0735, 0.3417, 0.3624



74.0735, 0.2755, 0.3042

Square

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



74.0735, 0.3417, 0.3624



74.0735, 0.2871, 0.3378



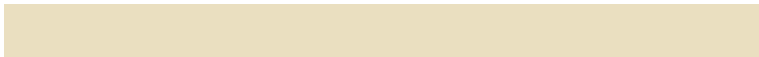
74.0735, 0.2840, 0.2964



74.0735, 0.3387, 0.3199

Rectangle

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



74.0735, 0.3417, 0.3624



74.0735, 0.3111, 0.3583



74.0735, 0.2840, 0.2964



74.0735, 0.3134, 0.3020

Sweetspot

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



74.0768, 0.3417, 0.3624



97.0874, 0.3204, 0.3381



59.5173, 0.3385, 0.3168



20.6946, 0.3215, 0.3394



0.0000, 0.0000, 0.0000



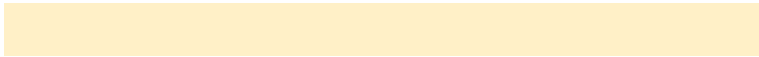
21.4041, 0.3127, 0.3290

Same Dimension

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



74.0768, 0.3417, 0.3624



87.8539, 0.3490, 0.3704



78.5574, 0.3327, 0.3747



16.9184, 0.3274, 0.3463



26.7390, 0.4748, 0.4612



2.2548, 0.4654, 0.4687

Inverse Universe

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



59.8788, 0.2838, 0.2932



67.2582, 0.2766, 0.2839



56.1687, 0.2903, 0.2811



15.1924, 0.2980, 0.3111



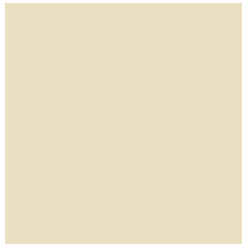
5.4164, 0.1588, 0.0917



0.5780, 0.1661, 0.1181

Previews

White Background



This preview shows how the Yxy color 74.0735, 0.3417, 0.3624 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 74.0735, 0.3417, 0.3624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

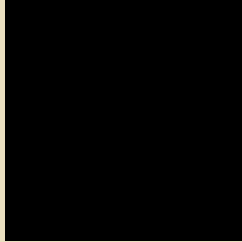
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

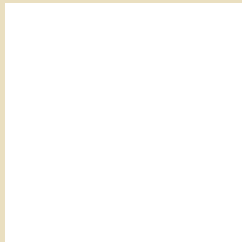
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.0735, 0.3417, 0.3624

Background



This preview shows how black text looks on a background with the Yxy color 74.0735, 0.3417, 0.3624.

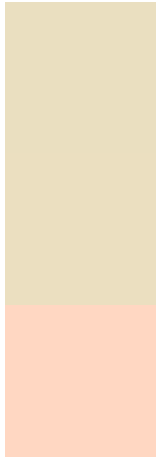


This preview shows how white text looks on a background with the Yxy color 74.0735, 0.3417, 0.3624.

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

74.0735, 0.3417, 0.3624

Protanopia

74.2433, 0.3424, 0.3623

Deuteranopia

73.7559, 0.3579, 0.3506



Tritanopia

74.0915, 0.3178, 0.3115

Trichromacy



Original Color

74.0735, 0.3417, 0.3624

Protanomaly

74.2433, 0.3424, 0.3623

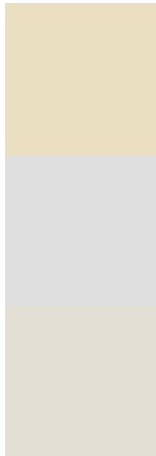
Deuteranomaly

73.7672, 0.3518, 0.3552

Tritanomaly

73.9547, 0.3265, 0.3290

Monochromacy



Original Color

74.0735, 0.3417, 0.3624

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.8597, 0.3228, 0.3409

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.0735, 0.3417, 0.3624 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(234, 223, 192)` looks like.

```
.text, #text, p{  
    color:rgb(234, 223, 192)  
}
```

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(234, 223, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 223, 192) }
```

Border

The CSS property to change the border of an element to Yxy 74.0735, 0.3417, 0.3624 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(234, 223, 192) }
```

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

```
.border{ border-color:rgb(234, 223, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 223, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(234, 223, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(234, 223, 192); box-shadow:4px 4px 4px 4px rgb(234, 223, 192) }
```


Background

The CSS property to change the background color of an element to Yxy 74.0735, 0.3417, 0.3624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 223, 192) }
```

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

```
.background{ background-color: rgb(234,  
223, 192) }
```

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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