

Converting Colors

$Y_{xy}(74.2850, 0.3616, 0.3912)$

Have a look what the booklet for
Yxy(74.2850, 0.3616, 0.3912)
contains.

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Color

Yxy(74.0690, 0.3617, 0.3913)

Conversions

Conversions Part 1

Format	Color
Hex	EDE0A6
RGB	237, 224, 166
RGB Percent	93%, 88%, 65%
CMY	0.0705, 0.1216, 0.3491
CMYK	0.00, 0.05, 0.30, 0.07
HSL	49°, 66%, 79%
HSV	49°, 30%, 93%
XYZ	68.4660, 74.0690, 46.7545
YIQ	221.2750, 26.3660, -15.2820

Conversions

Conversions Part 2

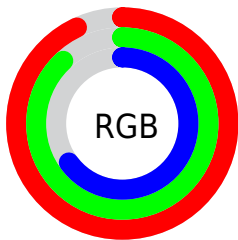
Format	Color
R _Y B	182, 237, 166
Decimal	15589542
CIE Lab	88.96, -4.18, 30.07
CIE LCh	89, 30.360, 97.917
Yxy	74.0690, 0.3617, 0.3913
Android (android.graphics.Color)	4293779622 (0xFFE0A6)
YUV	221.2750, -27.2506, 13.7908
Hunter-Lab	86.0633, -8.6086, 28.0346

Details

The Yxy color **74.0690, 0.3617, 0.3913** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **46.4584, 0.2615, 0.2578**, and the grayscale version is **72.6931, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.0005, 0.3327, 0.3621**, and **39.2941, 0.3718, 0.4053** is the 20% darker color. If you saturate the color by 10%, you get **70.9769, 0.3793, 0.4120**, and if you desaturate by 10%, it is **77.3877, 0.3445, 0.3701**.

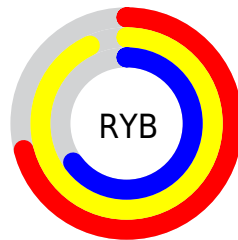
Distribution



Red (93%)

Green (88%)

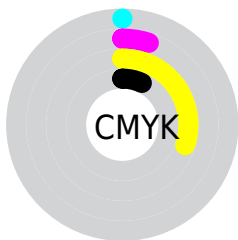
Blue (65%)



Red (71%)

Yellow (93%)

Blue (65%)

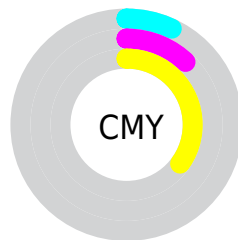


Cyan (0%)

Magenta (5%)

Yellow (30%)

Black (7%)



Cyan (7%)


Magenta (12%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.0690, 0.3617, 0.3913 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 74.0690, 0.3617, 0.3913 by changing the saturation by 10% instead.


 74.0690, 0.3617,
0.3913

 74.0690, 0.3617,
0.3913


474.7115, 0.3395,
0.3625

 54.8505, 0.3666,
0.3978


 124.9936, 0.3541,
0.3814

 39.2821, 0.3726,
0.4057

 157.4685, 0.3511,
0.3775

 26.9792, 0.3799,
0.4156


195.1311, 0.3485,
0.3742

 17.5576, 0.3891,
0.4283

238.3656, 0.3463,
0.3712

 10.6328, 0.4009,
0.4450

287.5565, 0.3443,
0.3687

 5.8205, 0.4160,
0.4673

343.0882, 0.3425,

 2.7363, 0.4502,

0.3664

0.5154

405.3450, 0.3409,
0.3644

■ 0.9956, 0.4577,
0.5423

■ 0.0000, 0.0000,
0.0000

■ 74.0690, 0.3617,
0.3913

■ 74.0690, 0.3617,
0.3913

■ 70.9769, 0.3793,
0.4120

■ 77.3877, 0.3445,
0.3701

■ 68.0921, 0.3966,
0.4313

■ 80.9315, 0.3281,
0.3492

■ 65.4078, 0.4131,
0.4482

■ 84.7118, 0.3127,
0.3289

■ 62.9128, 0.4278,
0.4617

■ 88.3578, 0.3018,
0.3154

■ 60.5944, 0.4402,
0.4709

■ 90.9645, 0.3018,
0.3198

■ 58.4373, 0.4496,
0.4754

■ 93.6329, 0.3018,
0.3241

■ 56.4164, 0.4565,
0.4757

■ 96.3635, 0.3017,
0.3284

■ 56.4106, 0.4565,
0.4757

■ 96.7473, 0.3017,
0.3290

Harmonies

Analogous

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



74.0690, 0.3822, 0.3731



74.0690, 0.3617, 0.3913



74.0690, 0.3286, 0.3923

Triad

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



74.0690, 0.3617, 0.3913



74.0690, 0.2470, 0.3059



74.0690, 0.3304, 0.2901

Complementary

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



74.0690, 0.3617, 0.3913



46.4584, 0.2615, 0.2578

Split Complementary

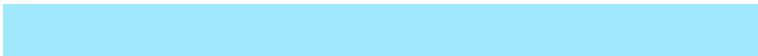
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.0690, 0.2937, 0.2737



74.0690, 0.3617, 0.3913



74.0690, 0.2473, 0.2809

Square

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



74.0690, 0.3617, 0.3913



74.0690, 0.2631, 0.3402



74.0690, 0.2638, 0.2700



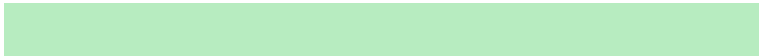
74.0690, 0.3639, 0.3157

Rectangle

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



74.0690, 0.3617, 0.3913



74.0690, 0.3043, 0.3816



74.0690, 0.2638, 0.2700



74.0690, 0.3180, 0.2834

Sweetspot

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



74.0724, 0.3617, 0.3913



95.9557, 0.3266, 0.3472



48.5277, 0.3676, 0.3146



20.4032, 0.3289, 0.3502



0.0000, 0.0000, 0.0000



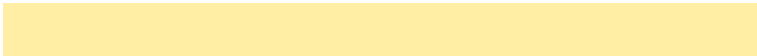
21.4041, 0.3127, 0.3290

Same Dimension

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



74.0724, 0.3617, 0.3913



85.1667, 0.3725, 0.4042



77.7049, 0.3417, 0.4081



17.1304, 0.3272, 0.3481



30.9724, 0.4558, 0.4763



2.5539, 0.4498, 0.4810

Inverse Universe

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



46.4584, 0.2615, 0.2578



47.6774, 0.2496, 0.2403



44.1328, 0.2766, 0.2453



14.9952, 0.2980, 0.3092



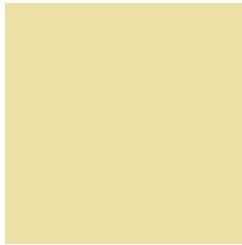
4.4353, 0.1548, 0.0772



0.4751, 0.1613, 0.1006

Previews

White Background



This preview shows how the Yxy color 74.0690, 0.3617, 0.3913 looks on a white background.

Color Contrast Check

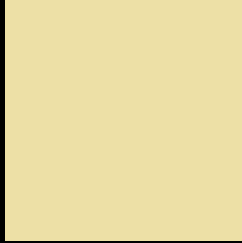
Large Text (above 18pt) WCAG AA × Fail

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 74.0690, 0.3617, 0.3913 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

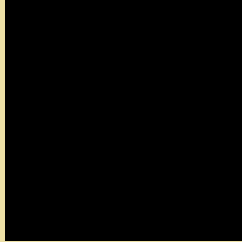
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.0690, 0.3617, 0.3913

Background



This preview shows how black text looks on a background with the Yxy color 74.0690, 0.3617, 0.3913.



This preview shows how white text looks on a background with the Yxy color 74.0690, 0.3617, 0.3913.

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

74.0690, 0.3617, 0.3913

Protanopia

74.0538, 0.3643, 0.3898

Deuteranopia

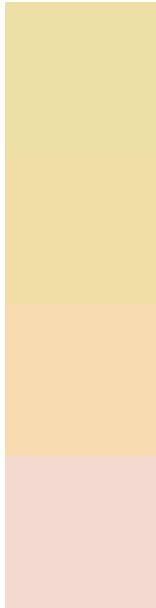
73.7491, 0.3665, 0.3641



Tritanopia

73.8396, 0.3230, 0.3117

Trichromacy



Original Color

74.0690, 0.3617, 0.3913

Protanomaly

73.8792, 0.3635, 0.3900

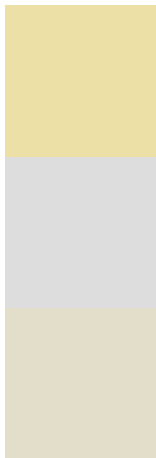
Deuteranomaly

73.7541, 0.3646, 0.3741

Tritanomaly

73.5741, 0.3373, 0.3396

Monochromacy



Original Color

74.0690, 0.3617, 0.3913

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.7905, 0.3304, 0.3519

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.0690, 0.3617, 0.3913 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(237, 224, 166)` looks like.

```
.text, #text, p{  
    color:rgb(237, 224, 166)  
}
```

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(237, 224, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 224, 166) }
```

Border

The CSS property to change the border of an element to Yxy 74.0690, 0.3617, 0.3913 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(237, 224, 166) }
```

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

```
.border{ border-color:rgb(237, 224, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 224, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 224, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 224, 166);  
box-shadow:4px 4px 4px 4px rgb(237, 224,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 74.0690, 0.3617, 0.3913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 224, 166) }
```

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

```
.background{ background-color: rgb(237,  
224, 166) }
```

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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