

Converting Colors

$Yxy(75.2386, 0.3612, 0.3892)$

Have a look what the booklet for
Yxy(75.2386, 0.3612, 0.3892)
contains.

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Color

Yxy(75.0657, 0.3609, 0.3887)

Conversions

Conversions Part 1

Format	Color
Hex	EFE1A9
RGB	239, 225, 169
RGB Percent	94%, 88%, 66%
CMY	0.0625, 0.1177, 0.3372
CMYK	0.00, 0.06, 0.29, 0.06
HSL	48°, 69%, 80%
HSV	48°, 29%, 94%
XYZ	69.6970, 75.0657, 48.3572
YIQ	222.8020, 26.3200, -14.4480

Conversions

Conversions Part 2

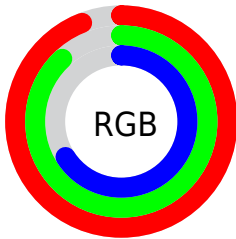
Format	Color
RYB	187, 239, 169
Decimal	15720873
CIELab	89.42, -3.53, 29.17
CIELCh	89, 29.387, 96.903
Yxy	75.0657, 0.3609, 0.3887
Android (android.graphics.Color)	4293910953 (0xFFEFE1A9)
YUV	222.8020, -26.5244, 14.2056
Hunter-Lab	86.6405, -8.0285, 27.5564

Details

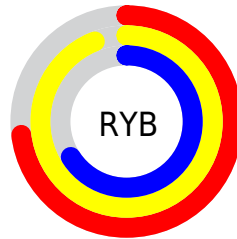
The Yxy color **75.0657, 0.3609, 0.3887** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **48.5699, 0.2630, 0.2612**, and the grayscale version is **73.8286, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.2162, 0.3304, 0.3582**, and **39.9555, 0.3716, 0.4033** is the 20% darker color. If you saturate the color by 10%, you get **71.6929, 0.3788, 0.4091**, and if you desaturate by 10%, it is **78.6824, 0.3435, 0.3679**.

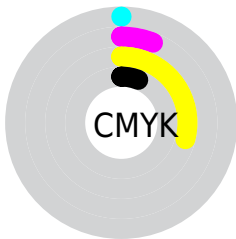
Distribution



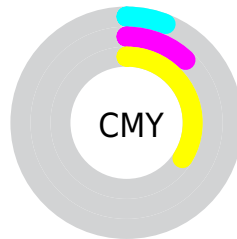
- Red (94%)
- Green (88%)
- Blue (66%)



- Red (73%)
- Yellow (94%)
- Blue (66%)



- Cyan (0%)
- Magenta (6%)
- Yellow (29%)
- Black (6%)




- Cyan (6%)
- Magenta (12%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.0657, 0.3609, 0.3887 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 75.0657, 0.3609, 0.3887 by changing the saturation by 10% instead.

 75.0657, 0.3609,
0.3887

 75.0657, 0.3609,
0.3887


478.1434, 0.3390,
0.3612

 55.6667, 0.3657,
0.3949

 126.4054, 0.3534,
0.3792

 39.9358, 0.3716,
0.4024

159.1148, 0.3505,
0.3755

 27.4885, 0.3788,
0.4119


197.0299, 0.3479,
0.3723

 17.9404, 0.3880,
0.4239

240.5350, 0.3457,
0.3695

 10.9072, 0.3997,
0.4398

290.0145, 0.3437,
0.3671

 6.0045, 0.4149,
0.4610

345.8528, 0.3420,

 2.8478, 0.4448,

0.3649

0.5020

408.4343, 0.3404,
0.3630

■ 1.0528, 0.4628,
0.5372

■ 0.0000, 0.0000,
0.0000

■ 75.0657, 0.3609,
0.3887

■ 75.0657, 0.3609,
0.3887

■ 71.6929, 0.3788,
0.4091

■ 78.6824, 0.3435,
0.3679

■ 68.5443, 0.3966,
0.4282

■ 82.5416, 0.3270,
0.3474

■ 65.6129, 0.4136,
0.4451

■ 86.6551, 0.3117,
0.3277

■ 62.8871, 0.4291,
0.4585

■ 90.3945, 0.3031,
0.3183

■ 60.3538, 0.4423,
0.4678

■ 93.3238, 0.3030,
0.3231

■ 57.9977, 0.4526,
0.4723

■ 96.3290, 0.3030,
0.3278

■ 55.7950, 0.4602,
0.4725

■ 97.0997, 0.3030,
0.3290

■ 55.6443, 0.4607,
0.4724

Harmonies

Analogous

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



75.0657, 0.3800, 0.3709



75.0657, 0.3609, 0.3887



75.0657, 0.3293, 0.3902

Triad

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



75.0657, 0.3609, 0.3887



75.0657, 0.2495, 0.3079



75.0657, 0.3286, 0.2907

Complementary

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



75.0657, 0.3609, 0.3887



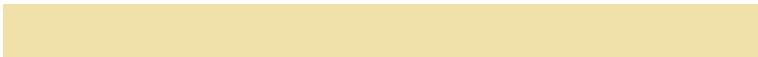
48.5699, 0.2630, 0.2612

Split Complementary

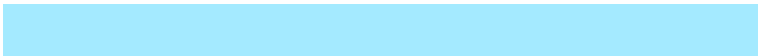
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.0657, 0.2932, 0.2752



75.0657, 0.3609, 0.3887



75.0657, 0.2493, 0.2833

Square

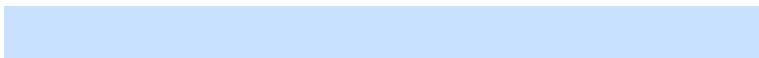
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.0657, 0.3609, 0.3887



75.0657, 0.2656, 0.3410



75.0657, 0.2647, 0.2721



75.0657, 0.3611, 0.3152

Rectangle

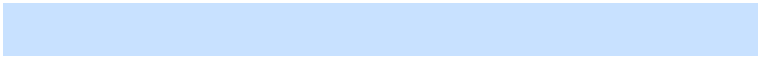
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.0657, 0.3609, 0.3887



75.0657, 0.3059, 0.3803



75.0657, 0.2647, 0.2721



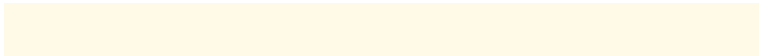
75.0657, 0.3166, 0.2843

Sweetspot

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



75.0691, 0.3609, 0.3887



95.7041, 0.3266, 0.3468



50.2091, 0.3638, 0.3124



20.3408, 0.3289, 0.3498



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.



75.0691, 0.3609, 0.3887



84.6184, 0.3713, 0.4007



79.7206, 0.3427, 0.4059



17.8884, 0.3273, 0.3477



30.9261, 0.4599, 0.4731



2.7079, 0.4535, 0.4781

Inverse Universe

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



48.5699, 0.2630, 0.2612



49.4442, 0.2518, 0.2451



45.4164, 0.2758, 0.2469



15.7426, 0.2980, 0.3095



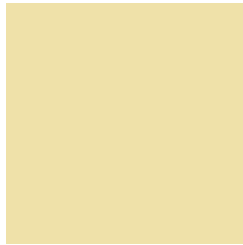
4.7587, 0.1555, 0.0799



0.5320, 0.1619, 0.1026

Previews

White Background



This preview shows how the Yxy color 75.0657, 0.3609, 0.3887 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 75.0657, 0.3609, 0.3887 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

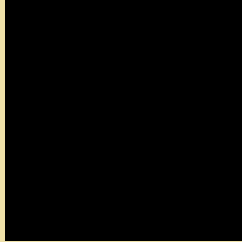
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

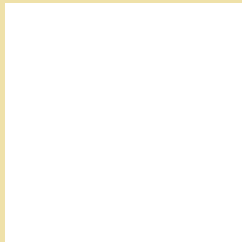
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.0657, 0.3609, 0.3887

Background



This preview shows how black text looks on a background with the Yxy color 75.0657, 0.3609, 0.3887.



This preview shows how white text looks on a background with the Yxy color 75.0657, 0.3609, 0.3887.

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

75.0657, 0.3609, 0.3887

Protanopia

74.8767, 0.3627, 0.3874

Deuteranopia

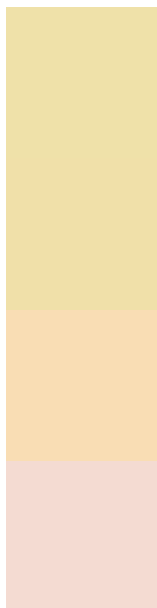
74.9480, 0.3630, 0.3619



Tritanopia

74.7691, 0.3237, 0.3118

Trichromacy



Original Color

75.0657, 0.3609, 0.3887

Protanomaly

74.7011, 0.3619, 0.3876

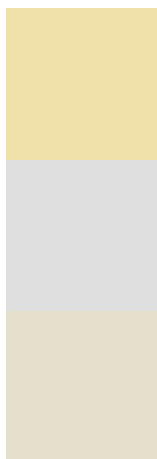
Deuteranomaly

75.1479, 0.3619, 0.3718

Tritanomaly

74.5493, 0.3372, 0.3384

Monochromacy



Original Color

75.0657, 0.3609, 0.3887

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

74.2811, 0.3303, 0.3517

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.0657, 0.3609, 0.3887 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(239, 225, 169)` looks like.

```
.text, #text, p{  
    color:rgb(239, 225, 169)  
}
```

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(239, 225, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 225, 169) }
```

Border

The CSS property to change the border of an element to Yxy 75.0657, 0.3609, 0.3887 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(239, 225, 169) }
```

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

```
.border{ border-color:rgb(239, 225, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 225, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 225, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 225, 169);  
box-shadow:4px 4px 4px 4px rgb(239, 225,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 75.0657, 0.3609, 0.3887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 225, 169) }
```

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

```
.background{ background-color: rgb(239,  
225, 169) }
```

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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