

Converting Colors

$Yxy(74.1641, 0.3647, 0.3863)$

Have a look what the booklet for
Yxy(74.1641, 0.3647, 0.3863)
contains.

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Color

Yxy(73.9470, 0.3647, 0.3864)

Conversions

Conversions Part 1

Format	Color
Hex	F2DEA8
RGB	242, 222, 168
RGB Percent	95%, 87%, 66%
CMY	0.0512, 0.1293, 0.3412
CMYK	0.00, 0.08, 0.31, 0.05
HSL	44°, 74%, 80%
HSV	44°, 31%, 95%
XYZ	69.7942, 73.9470, 47.6330
YIQ	221.8240, 29.2540, -12.5540

Conversions

Conversions Part 2

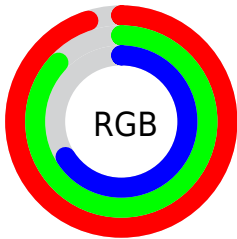
Format	Color
R _Y B	195, 242, 168
Decimal	15916712
CIE Lab	88.90, -1.05, 29.03
CIE LCh	89, 29.051, 92.079
Yxy	73.9470, 0.3647, 0.3864
Android (android.graphics.Color)	4294106792 (0xFFFF2DEA8)
YUV	221.8240, -26.5352, 17.6944
Hunter-Lab	85.9924, -5.6105, 27.3527

Details

The Yxy color **73.9470, 0.3647, 0.3864** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **50.6628, 0.2612, 0.2640**, and the grayscale version is **73.0892, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1077, 0.3315, 0.3601**, and **39.2127, 0.3761, 0.3988** is the 20% darker color. If you saturate the color by 10%, you get **69.7338, 0.3839, 0.4053**, and if you desaturate by 10%, it is **78.4686, 0.3464, 0.3672**.

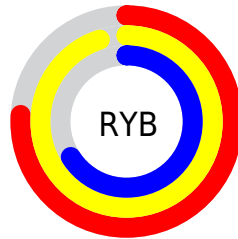
Distribution



Red (95%)

Green (87%)

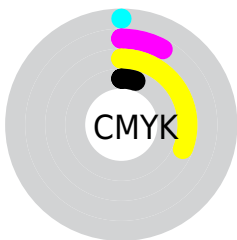
Blue (66%)



Red (76%)

Yellow (95%)

Blue (66%)

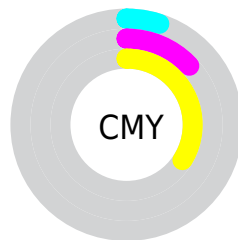


Cyan (0%)

Magenta (8%)

Yellow (31%)

Black (5%)



Cyan (5%)


Magenta (13%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.9470, 0.3647, 0.3864 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 73.9470, 0.3647, 0.3864 by changing the saturation by 10% instead.


 73.9470, 0.3647,
0.3864

 73.9470, 0.3647,
0.3864


474.2904, 0.3410,
0.3601

 54.7507, 0.3700,
0.3923


 124.8207, 0.3566,
0.3774

 39.2021, 0.3764,
0.3995


 157.2668, 0.3534,
0.3738

 26.9170, 0.3844,
0.4084


194.8983, 0.3506,
0.3707

 17.5109, 0.3945,
0.4198

238.0996, 0.3482,
0.3681

 10.5994, 0.4076,
0.4347

287.2551, 0.3461,
0.3657

 5.7982, 0.4249,
0.4544

342.7491, 0.3442,

 2.7227, 0.4603,

0.3636

0.4946

404.9661, 0.3425,
0.3618

0.9888, 0.4799,
0.5201

0.0000, 0.0000,
0.0000

73.9470, 0.3647,
0.3864

73.9470, 0.3647,
0.3864

69.7338, 0.3839,
0.4053

78.4686, 0.3464,
0.3672

65.8081, 0.4033,
0.4229

83.2987, 0.3293,
0.3482

62.1616, 0.4224,
0.4383

88.4500, 0.3136,
0.3300

58.7813, 0.4402,
0.4502

93.2862, 0.3048,
0.3222

■ 55.6525, 0.4557,
0.4578

■ 97.3675, 0.3047,
0.3286

■ 52.7579, 0.4684,
0.4604

■ 97.6091, 0.3047,
0.3290

■ 50.2175, 0.4777,
0.4589

Harmonies

Analogous

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



73.9470, 0.3810, 0.3667



73.9470, 0.3647, 0.3864



73.9470, 0.3348, 0.3909

Triad

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



73.9470, 0.3647, 0.3864



73.9470, 0.2515, 0.3129



73.9470, 0.3228, 0.2878

Complementary

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



73.9470, 0.3647, 0.3864



50.6628, 0.2612, 0.2640

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.



73.9470, 0.2882, 0.2741



73.9470, 0.3647, 0.3864



73.9470, 0.2486, 0.2866

Square

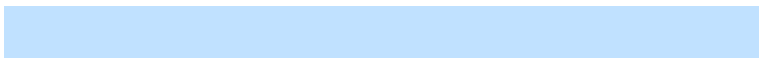
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.9470, 0.3647, 0.3864



73.9470, 0.2698, 0.3464



73.9470, 0.2616, 0.2733



73.9470, 0.3563, 0.3110

Rectangle

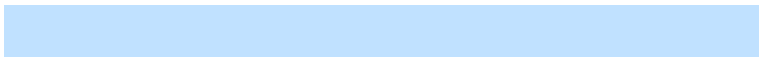
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.9470, 0.3647, 0.3864



73.9470, 0.3115, 0.3831



73.9470, 0.2616, 0.2733



73.9470, 0.3108, 0.2820

Sweetspot

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



73.9504, 0.3647, 0.3864



94.7267, 0.3268, 0.3453



50.5412, 0.3622, 0.3062



20.0989, 0.3291, 0.3481



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.



73.9504, 0.3647, 0.3864



80.1791, 0.3772, 0.3988



82.4605, 0.3475, 0.4085



17.6965, 0.3275, 0.3462



27.2264, 0.4765, 0.4598



2.4284, 0.4673, 0.4672

Inverse Universe

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



50.6628, 0.2612, 0.2640



49.9095, 0.2491, 0.2474



44.6004, 0.2701, 0.2419



15.9216, 0.2980, 0.3112



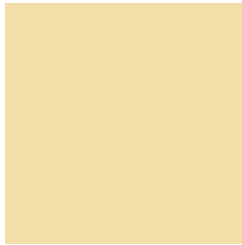
5.6803, 0.1592, 0.0929



0.6315, 0.1661, 0.1180

Previews

White Background



This preview shows how the Yxy color 73.9470, 0.3647, 0.3864 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 73.9470, 0.3647, 0.3864 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

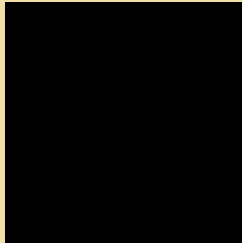
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.9470, 0.3647, 0.3864

Background



This preview shows how black text looks on a background with the Yxy color 73.9470, 0.3647, 0.3864.



This preview shows how white text looks on a background with the Yxy color 73.9470, 0.3647, 0.3864.

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

73.9470, 0.3647, 0.3864

Protanopia

73.9532, 0.3621, 0.3878

Deuteranopia

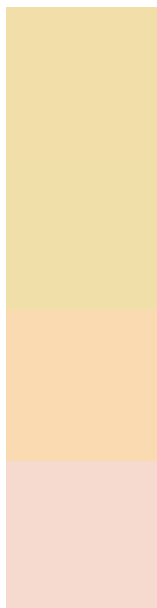
73.7491, 0.3665, 0.3641



Tritanopia

73.9460, 0.3274, 0.3128

Trichromacy



Original Color

73.9470, 0.3647, 0.3864

Protanomaly

74.1278, 0.3629, 0.3877

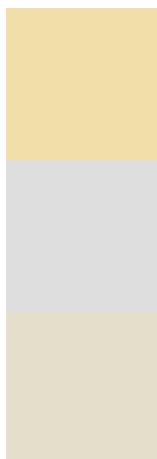
Deuteranomaly

73.6411, 0.3657, 0.3718

Tritanomaly

73.7235, 0.3411, 0.3395

Monochromacy



Original Color

73.9470, 0.3647, 0.3864

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.1648, 0.3312, 0.3507

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.9470, 0.3647, 0.3864 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(242, 222, 168)` looks like.

```
.text, #text, p{  
    color:rgb(242, 222, 168)  
}
```

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(242, 222, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 222, 168) }
```

Border

The CSS property to change the border of an element to Yxy 73.9470, 0.3647, 0.3864 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(242, 222, 168) }
```

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

```
.border{ border-color:rgb(242, 222, 168) }
```

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

Here you see how a box with a 4 pixel rgb(242, 222, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 222, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 222, 168);  
box-shadow:4px 4px 4px 4px rgb(242, 222,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 73.9470, 0.3647, 0.3864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 222, 168) }
```

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

```
.background{ background-color: rgb(242,  
222, 168) }
```

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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