

Converting Colors

$Yxy(74.8617, 0.3654, 0.3879)$

Have a look what the booklet for
Yxy(74.8617, 0.3654, 0.3879)
contains.

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Color

Yxy(74.6572, 0.3652, 0.3872)

Conversions

Conversions Part 1

Format	Color
Hex	F3DFA8
RGB	243, 223, 168
RGB Percent	95%, 87%, 66%
CMY	0.0471, 0.1255, 0.3412
CMYK	0.00, 0.08, 0.31, 0.05
HSL	44°, 76%, 81%
HSV	44°, 31%, 95%
XYZ	70.4153, 74.6572, 47.7405
YIQ	222.7100, 29.5750, -12.8650

Conversions

Conversions Part 2

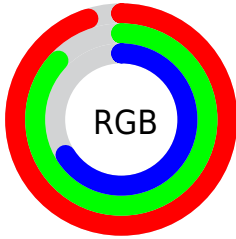
Format	Color
R _Y B	195, 243, 168
Decimal	15982504
CIE Lab	89.23, -1.16, 29.49
CIE LCh	89, 29.518, 92.257
Yxy	74.6572, 0.3652, 0.3872
Android (android.graphics.Color)	4294172584 (0xFFFF3DFA8)
YUV	222.7100, -26.9720, 17.7943
Hunter-Lab	86.4044, -5.7390, 27.7239

Details

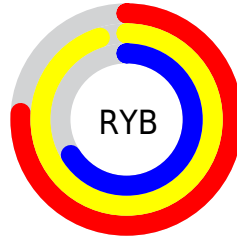
The Yxy color **74.6572, 0.3652, 0.3872** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **50.7516, 0.2606, 0.2630**, and the grayscale version is **73.7556, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1077, 0.3315, 0.3601**, and **39.6822, 0.3775, 0.4011** is the 20% darker color. If you saturate the color by 10%, you get **70.4438, 0.3843, 0.4061**, and if you desaturate by 10%, it is **79.1790, 0.3469, 0.3679**.

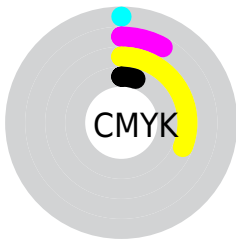
Distribution



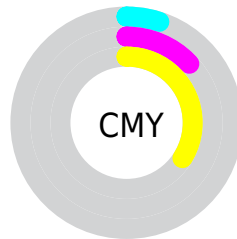
- Red (95%)
- Green (87%)
- Blue (66%)



- 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 74.6572, 0.3652, 0.3872 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 74.6572, 0.3652, 0.3872 by changing the saturation by 10% instead.

 74.6572, 0.3652,
0.3872

 74.6572, 0.3652,
0.3872


476.7385, 0.3413,
0.3606

 55.3321, 0.3705,
0.3931


 125.8270, 0.3570,
0.3781

 39.6677, 0.3770,
0.4004

 158.4405, 0.3538,
0.3745

 27.2795, 0.3850,
0.4094

196.2522, 0.3510,
0.3714

 17.7833, 0.3951,
0.4209

239.6466, 0.3486,
0.3687

 10.7945, 0.4082,
0.4358

289.0080, 0.3464,
0.3663

 5.9288, 0.4253,
0.4555

344.7209, 0.3445,

 2.8018, 0.4598,

0.3641

0.4950

407.1696, 0.3428,
0.3623

■ 1.0292, 0.4793,
0.5207

■ 0.0000, 0.0000,
0.0000

■ 74.6572, 0.3652,
0.3872

■ 74.6572, 0.3652,
0.3872

■ 70.4438, 0.3843,
0.4061

■ 79.1790, 0.3469,
0.3679

■ 66.5175, 0.4037,
0.4238

■ 84.0091, 0.3298,
0.3488

■ 62.8701, 0.4227,
0.4391

■ 89.1604, 0.3140,
0.3305

■ 59.4884, 0.4403,
0.4509

■ 93.9680, 0.3055,
0.3230

■ 56.3575, 0.4556,
0.4584

■ 97.7935, 0.3054,
0.3290

■ 53.4600, 0.4681,
0.4610

■ 50.9923, 0.4770,
0.4595

Harmonies

Analogous

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



74.6572, 0.3818, 0.3673



74.6572, 0.3652, 0.3872



74.6572, 0.3348, 0.3917

Triad

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



74.6572, 0.3652, 0.3872



74.6572, 0.2506, 0.3125



74.6572, 0.3231, 0.2874

Complementary

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



74.6572, 0.3652, 0.3872



50.7516, 0.2606, 0.2630

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.



74.6572, 0.2880, 0.2735



74.6572, 0.3652, 0.3872



74.6572, 0.2478, 0.2860

Square

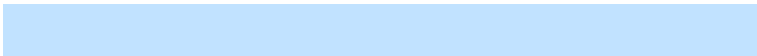
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.6572, 0.3652, 0.3872



74.6572, 0.2691, 0.3464



74.6572, 0.2611, 0.2726



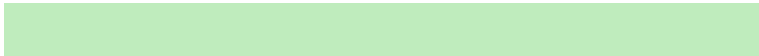
74.6572, 0.3570, 0.3109

Rectangle

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



74.6572, 0.3652, 0.3872



74.6572, 0.3113, 0.3837



74.6572, 0.2611, 0.2726



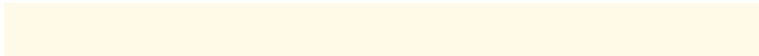
74.6572, 0.3110, 0.2815

Sweetspot

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



74.6606, 0.3652, 0.3872



94.7692, 0.3268, 0.3454



50.6868, 0.3640, 0.3073



20.1095, 0.3291, 0.3481



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

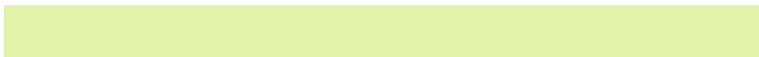
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.6606, 0.3652, 0.3872



80.3365, 0.3771, 0.3991



83.0111, 0.3469, 0.4095



18.5228, 0.3275, 0.3463



28.2213, 0.4758, 0.4604



2.6485, 0.4671, 0.4673

Inverse Universe

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



50.7516, 0.2606, 0.2630



49.7902, 0.2490, 0.2470



44.8492, 0.2705, 0.2412



16.6449, 0.2979, 0.3111



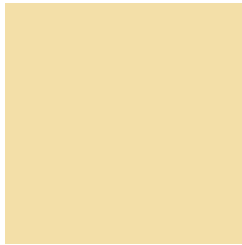
5.7988, 0.1589, 0.0921



0.6718, 0.1655, 0.1158

Previews

White Background



This preview shows how the Yxy color 74.6572, 0.3652, 0.3872 looks on a white background.

Color Contrast Check

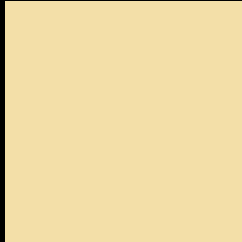
Large Text (above 18pt) WCAG AA × Fail

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 74.6572, 0.3652, 0.3872 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

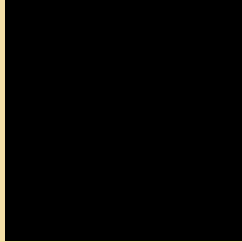
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.6572, 0.3652, 0.3872

Background



This preview shows how black text looks on a background with the Yxy color 74.6572, 0.3652, 0.3872.

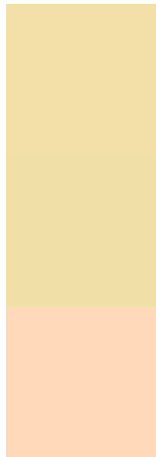


This preview shows how white text looks on a background with the Yxy color 74.6572, 0.3652, 0.3872.

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

74.6572, 0.3652, 0.3872

Protanopia

74.6637, 0.3626, 0.3887

Deuteranopia

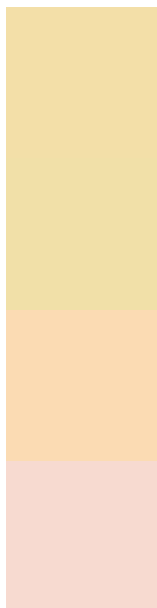
74.3885, 0.3640, 0.3620



Tritanopia

74.6944, 0.3273, 0.3129

Trichromacy



Original Color

74.6572, 0.3652, 0.3872

Protanomaly

74.8392, 0.3634, 0.3885

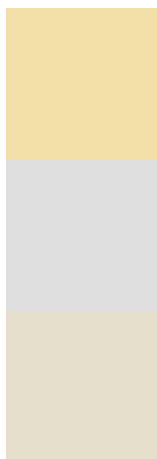
Deuteranomaly

74.4269, 0.3647, 0.3706

Tritanomaly

74.4710, 0.3410, 0.3394

Monochromacy



Original Color

74.6572, 0.3652, 0.3872

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.9101, 0.3311, 0.3506

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.6572, 0.3652, 0.3872 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(243, 223, 168)` looks like.

```
.text, #text, p{  
    color:rgb(243, 223, 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(243, 223, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 223, 168) }
```

Border

The CSS property to change the border of an element to Yxy 74.6572, 0.3652, 0.3872 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(243, 223, 168) }
```

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

```
.border{ border-color:rgb(243, 223, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 223, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 223, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 223, 168);  
box-shadow:4px 4px 4px 4px rgb(243, 223,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 74.6572, 0.3652, 0.3872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 223, 168) }
```

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

```
.background{ background-color: rgb(243,  
223, 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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