

Converting Colors

$Yxy(71.8006, 0.3803, 0.3894)$

Have a look what the booklet for
Yxy(71.8006, 0.3803, 0.3894)
contains.

Yxy(71.9043, 0.3801, 0.3895)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(71.9043, 0.3801, 0.3895)

Conversions

Conversions Part 1

Format	Color
Hex	FAD89E
RGB	250, 216, 158
RGB Percent	98%, 85%, 62%
CMY	0.0194, 0.1530, 0.3803
CMYK	0.00, 0.14, 0.37, 0.02
HSL	38°, 90%, 80%
HSV	38°, 37%, 98%
XYZ	70.1690, 71.9043, 42.5334
YIQ	219.5540, 38.8820, -10.8300

Conversions

Conversions Part 2

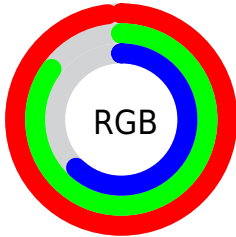
Format	Color
R _Y B	212, 250, 158
Decimal	16439454
CIE Lab	87.92, 3.95, 32.97
CIE LCh	88, 33.211, 83.161
Yxy	71.9043, 0.3801, 0.3895
Android (android.graphics.Color)	4294629534 (0xFFFAD89E)
YUV	219.5540, -30.3461, 26.7011
Hunter-Lab	84.7964, -0.6850, 29.6180

Details

The Yxy color **71.9043, 0.3801, 0.3895** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **51.9161, 0.2512, 0.2596**, and the grayscale version is **71.4447, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.5841, 0.3376, 0.3701**, and **37.7368, 0.3954, 0.4024** is the 20% darker color. If you saturate the color by 10%, you get **66.5217, 0.4020, 0.4056**, and if you desaturate by 10%, it is **77.7360, 0.3595, 0.3727**.

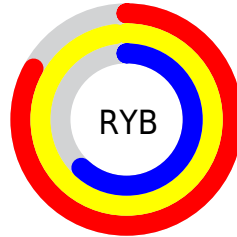
Distribution



Red (98%)

Green (85%)

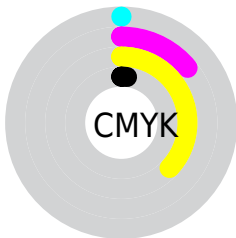
Blue (62%)



Red (83%)

Yellow (98%)

Blue (62%)

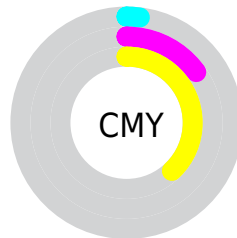


Cyan (0%)

Magenta (14%)

Yellow (37%)

Black (2%)



Cyan (2%)


Magenta (15%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.9043, 0.3801, 0.3895 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 71.9043, 0.3801, 0.3895 by changing the saturation by 10% instead.


 71.9043, 0.3801,
0.3895


 71.9043, 0.3801,
0.3895


467.2084, 0.3491,
0.3621

 53.0805, 0.3870,
0.3955


 121.9205, 0.3694,
0.3802

 37.8670, 0.3955,
0.4027


 153.8816, 0.3653,
0.3765

 25.8795, 0.4059,
0.4116


190.9907, 0.3617,
0.3733

 16.7335, 0.4191,
0.4225

233.6320, 0.3585,
0.3705

 10.0447, 0.4361,
0.4362

282.1901, 0.3557,
0.3681

 5.4286, 0.4582,
0.4531

337.0493, 0.3533,

 2.5009, 0.5073,

0.3659

0.4927

398.5939, 0.3511,
0.3639

0.8771, 0.5155,
0.4845

0.0000, 0.0000,
0.0000

71.9043, 0.3801,
0.3895

71.9043, 0.3801,
0.3895

66.5217, 0.4020,
0.4056

77.7360, 0.3595,
0.3727

61.5632, 0.4245,
0.4200

84.0210, 0.3405,
0.3559

57.0159, 0.4468,
0.4315

90.7757, 0.3234,
0.3396

52.8616, 0.4677,
0.4390

97.8154, 0.3097,
0.3271

■ 49.0798, 0.4860,
0.4414

■ 99.0754, 0.3097,
0.3290

■ 45.6458, 0.5010,
0.4386

■ 44.6131, 0.5053,
0.4370

Harmonies

Analogous

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



71.9043, 0.3930, 0.3629



71.9043, 0.3801, 0.3895



71.9043, 0.3491, 0.4014

Triad

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



71.9043, 0.3801, 0.3895



71.9043, 0.2470, 0.3212



71.9043, 0.3118, 0.2760

Complementary

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



71.9043, 0.3801, 0.3895



51.9161, 0.2512, 0.2596

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.



71.9043, 0.2740, 0.2644



71.9043, 0.3801, 0.3895



71.9043, 0.2384, 0.2875

Square

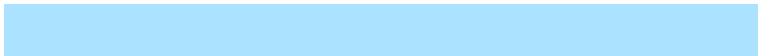
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.9043, 0.3801, 0.3895



71.9043, 0.2724, 0.3605



71.9043, 0.2479, 0.2679



71.9043, 0.3523, 0.2995

Rectangle

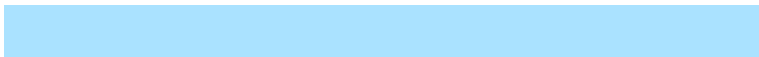
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.9043, 0.3801, 0.3895



71.9043, 0.3230, 0.3973



71.9043, 0.2479, 0.2679



71.9043, 0.2984, 0.2706

Sweetspot

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



71.9076, 0.3801, 0.3895



91.8755, 0.3304, 0.3464



48.6573, 0.3678, 0.2917



19.4598, 0.3327, 0.3486



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.



71.9076, 0.3801, 0.3895



71.0577, 0.3958, 0.4013



89.2858, 0.3607, 0.4233



19.0472, 0.3278, 0.3439



23.9357, 0.5035, 0.4384



2.4196, 0.4908, 0.4485

Inverse Universe

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



51.9161, 0.2512, 0.2596



47.4639, 0.2383, 0.2430



39.7719, 0.2526, 0.2193



17.6955, 0.2979, 0.3136



8.0241, 0.1660, 0.1175



0.9384, 0.1725, 0.1411

Previews

White Background



This preview shows how the Yxy color 71.9043, 0.3801, 0.3895 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 71.9043, 0.3801, 0.3895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

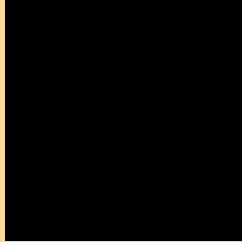
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.9043, 0.3801, 0.3895

Background



This preview shows how black text looks on a background with the Yxy color 71.9043, 0.3801, 0.3895.



This preview shows how white text looks on a background with the Yxy color 71.9043, 0.3801, 0.3895.

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

71.9043, 0.3801, 0.3895

Protanopia

71.7290, 0.3670, 0.3937

Deuteranopia

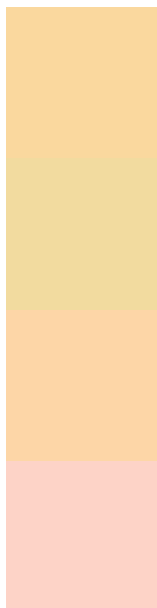
71.8271, 0.3748, 0.3714



Tritanopia

71.6995, 0.3376, 0.3139

Trichromacy



Original Color

71.9043, 0.3801, 0.3895

Protanomaly

72.0435, 0.3720, 0.3929

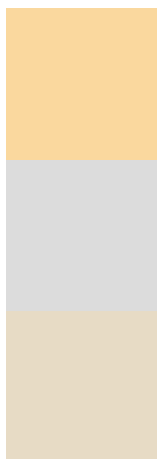
Deuteranomaly

71.7658, 0.3766, 0.3778

Tritanomaly

71.5947, 0.3535, 0.3415

Monochromacy



Original Color

71.9043, 0.3801, 0.3895

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.6832, 0.3366, 0.3529

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.9043, 0.3801, 0.3895 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(250, 216, 158)` looks like.

```
.text, #text, p{  
    color:rgb(250, 216, 158)  
}
```

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(250, 216, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 216, 158) }
```

Border

The CSS property to change the border of an element to Yxy 71.9043, 0.3801, 0.3895 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(250, 216, 158) }
```

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

```
.border{ border-color:rgb(250, 216, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 216, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 216, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 216, 158);  
box-shadow:4px 4px 4px 4px rgb(250, 216,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 71.9043, 0.3801, 0.3895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 216, 158) }
```

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

```
.background{ background-color: rgb(250,  
216, 158) }
```

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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