

Converting Colors

$Yxy(71.5340, 0.3705, 0.3852)$

Have a look what the booklet for
Yxy(71.5340, 0.3705, 0.3852)
contains.

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Color

Yxy(71.5391, 0.3707, 0.3853)

Conversions

Conversions Part 1

Format	Color
Hex	F4D9A4
RGB	244, 217, 164
RGB Percent	96%, 85%, 64%
CMY	0.0430, 0.1490, 0.3568
CMYK	0.00, 0.11, 0.33, 0.04
HSL	40°, 78%, 80%
HSV	40°, 33%, 96%
XYZ	68.8283, 71.5391, 45.3038
YIQ	219.0310, 33.1050, -10.7590

Conversions

Conversions Part 2

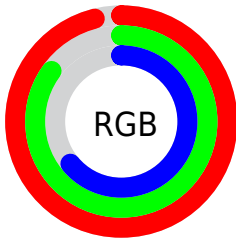
Format	Color
RYB	205, 244, 164
Decimal	16046500
CIELab	87.75, 1.82, 29.56
CIELCh	88, 29.619, 86.482
Yxy	71.5391, 0.3707, 0.3853
Android (android.graphics.Color)	4294236580 (0xFFFF4D9A4)
YUV	219.0310, -27.1303, 21.8978
Hunter-Lab	84.5808, -2.7606, 27.4492

Details

The Yxy color **71.5391, 0.3707, 0.3853** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **51.7012, 0.2580, 0.2652**, and the grayscale version is **71.0393, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.8945, 0.3339, 0.3641**, and **37.5753, 0.3842, 0.3973** is the 20% darker color. If you saturate the color by 10%, you get **66.6003, 0.3914, 0.4025**, and if you desaturate by 10%, it is **76.8659, 0.3512, 0.3677**.

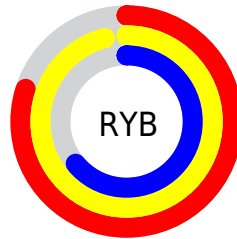
Distribution



Red (96%)

Green (85%)

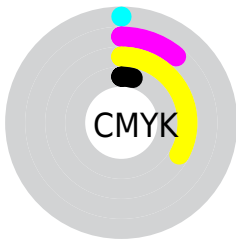
Blue (64%)



Red (80%)

Yellow (96%)

Blue (64%)

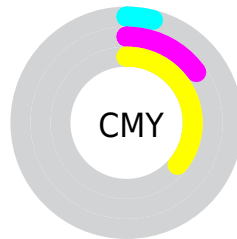


Cyan (0%)

Magenta (11%)

Yellow (33%)

Black (4%)



Cyan (4%)


Magenta (15%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.5391, 0.3707, 0.3853 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 71.5391, 0.3707, 0.3853 by changing the saturation by 10% instead.


 71.5391, 0.3707,
0.3853

 71.5391, 0.3707,
0.3853


465.9358, 0.3440,
0.3595

 52.7823, 0.3767,
0.3910


 121.4010, 0.3615,
0.3765

 37.6290, 0.3840,
0.3980

 153.2749, 0.3579,
0.3730

 25.6949, 0.3932,
0.4067


190.2899, 0.3548,
0.3700

 16.5955, 0.4048,
0.4176

232.8304, 0.3521,
0.3674

 9.9465, 0.4200,
0.4316

281.2809, 0.3497,
0.3651

 5.3635, 0.4400,
0.4498

336.0257, 0.3476,

 2.4621, 0.4894,

0.3630

397.4492, 0.3457,
0.3612

0.4961

0.8576, 0.5006,
0.4994

0.0000, 0.0000,
0.0000

71.5391, 0.3707,
0.3853

71.5391, 0.3707,
0.3853

66.6003, 0.3914,
0.4025

76.8659, 0.3512,
0.3677

62.0268, 0.4128,
0.4184

82.5826, 0.3333,
0.3502

57.8080, 0.4341,
0.4319

88.7039, 0.3170,
0.3335

53.9289, 0.4542,
0.4417

94.8071, 0.3061,
0.3241

■ 50.3721, 0.4722,
0.4470

■ 97.9775, 0.3060,
0.3290

■ 47.1177, 0.4871,
0.4470

■ 44.9392, 0.4960,
0.4443

Harmonies

Analogous

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



71.5391, 0.3841, 0.3629



71.5391, 0.3707, 0.3853



71.5391, 0.3418, 0.3934

Triad

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



71.5391, 0.3707, 0.3853



71.5391, 0.2520, 0.3185



71.5391, 0.3162, 0.2831

Complementary

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



71.5391, 0.3707, 0.3853



51.7012, 0.2580, 0.2652

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.



71.5391, 0.2814, 0.2713



71.5391, 0.3707, 0.3853



71.5391, 0.2460, 0.2894

Square

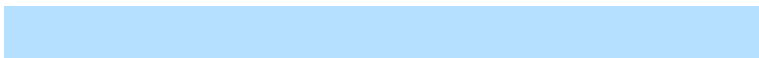
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.5391, 0.3707, 0.3853



71.5391, 0.2735, 0.3533



71.5391, 0.2564, 0.2731



71.5391, 0.3518, 0.3054

Rectangle

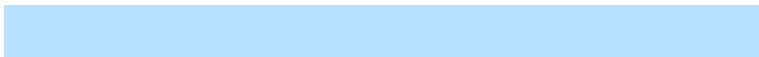
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.5391, 0.3707, 0.3853



71.5391, 0.3182, 0.3880



71.5391, 0.2564, 0.2731



71.5391, 0.3040, 0.2778

Sweetspot

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



71.5424, 0.3707, 0.3853



93.0926, 0.3286, 0.3455



49.5961, 0.3621, 0.2988



19.7257, 0.3310, 0.3479



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.



71.5424, 0.3707, 0.3853



75.5752, 0.3836, 0.3962



84.5559, 0.3537, 0.4134



18.3157, 0.3277, 0.3446



24.6929, 0.4945, 0.4456



2.3598, 0.4826, 0.4550

Inverse Universe

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



51.7012, 0.2580, 0.2652



50.6982, 0.2466, 0.2505



42.3165, 0.2624, 0.2337



16.8414, 0.2980, 0.3129



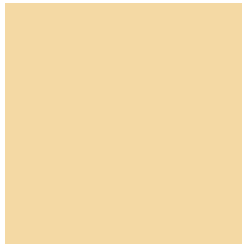
7.0924, 0.1636, 0.1090



0.8057, 0.1705, 0.1337

Previews

White Background



This preview shows how the Yxy color 71.5391, 0.3707, 0.3853 looks on a white background.

Color Contrast Check

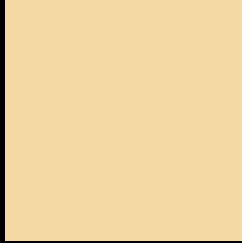
Large Text (above 18pt) WCAG AA × Fail

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 71.5391, 0.3707, 0.3853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

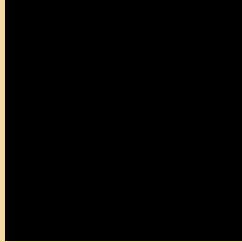
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.5391, 0.3707, 0.3853

Background



This preview shows how black text looks on a background with the Yxy color 71.5391, 0.3707, 0.3853.



This preview shows how white text looks on a background with the Yxy color 71.5391, 0.3707, 0.3853.

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

71.5391, 0.3707, 0.3853

Protanopia

71.7359, 0.3628, 0.3885

Deuteranopia

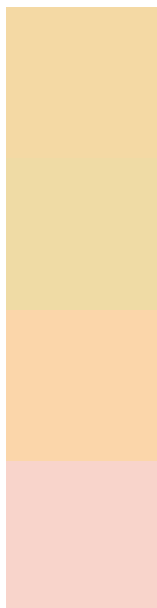
71.3641, 0.3744, 0.3694



Tritanopia

71.5464, 0.3330, 0.3128

Trichromacy



Original Color

71.5391, 0.3707, 0.3853

Protanomaly

71.7304, 0.3654, 0.3871

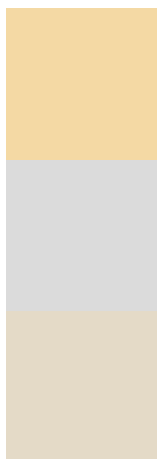
Deuteranomaly

71.5046, 0.3728, 0.3750

Tritanomaly

71.3552, 0.3464, 0.3385

Monochromacy



Original Color

71.5391, 0.3707, 0.3853

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.7603, 0.3331, 0.3498

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.5391, 0.3707, 0.3853 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(244, 217, 164)` looks like.

```
.text, #text, p{  
    color:rgb(244, 217, 164)  
}
```

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(244, 217, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 217, 164) }
```

Border

The CSS property to change the border of an element to Yxy 71.5391, 0.3707, 0.3853 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(244, 217, 164) }
```

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

```
.border{ border-color:rgb(244, 217, 164) }
```

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

Here you see how a box with a 4 pixel rgb(244, 217, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 217, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 217, 164);  
box-shadow:4px 4px 4px 4px rgb(244, 217,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 71.5391, 0.3707, 0.3853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 217, 164) }
```

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

```
.background{ background-color: rgb(244,  
217, 164) }
```

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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