

Converting Colors

$Y_{xy}(74.2332, 0.4043, 0.4421)$

Have a look what the booklet for
Yxy(74.2332, 0.4043, 0.4421)
contains.

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Color

Yxy(74.2332, 0.4043, 0.4421)

Conversions

Conversions Part 1

Format	Color
Hex	F7E06F
RGB	247, 224, 111
RGB Percent	97%, 88%, 44%
CMY	0.0313, 0.1216, 0.5647
CMYK	0.00, 0.09, 0.55, 0.03
HSL	50°, 89%, 70%
HSV	50°, 55%, 97%
XYZ	67.8862, 74.2332, 25.7910
YIQ	217.9950, 49.9810, -30.2670

Conversions

Conversions Part 2

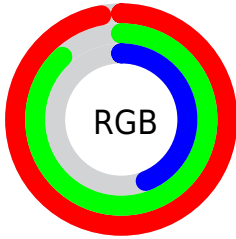
Format	Color
R_{YB}	139, 247, 111
Decimal	16244847
CIE _{Lab}	89.03, -5.78, 57.34
CIE _{LCh}	89, 57.635, 95.760
Yxy	74.2332, 0.4043, 0.4421
Android (android.graphics.Color)	4294434927 (0xFFFF7E06F)
YUV	217.9950, -52.7485, 25.4374
Hunter-Lab	86.1587, -10.1339, 42.5630

Details

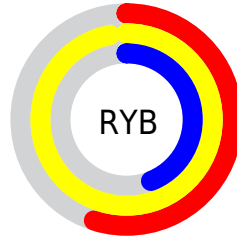
The Yxy color **74.2332, 0.4043, 0.4421** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **27.1516, 0.2117, 0.1803**, and the grayscale version is **70.4558, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.4966, 0.3661, 0.4172**, and **39.3728, 0.4210, 0.4644** is the 20% darker color. If you saturate the color by 10%, you get **71.5468, 0.4195, 0.4575**, and if you desaturate by 10%, it is **77.1323, 0.3877, 0.4237**.

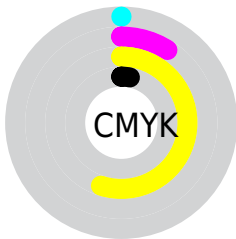
Distribution



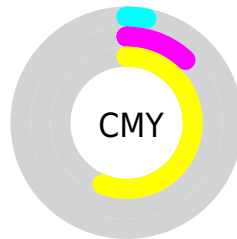
- Red (97%)
- Green (88%)
- Blue (44%)



- Red (55%)
- Yellow (97%)
- Blue (44%)



- Cyan (0%)
- Magenta (9%)
- Yellow (55%)
- Black (3%)





- Cyan (3%)
- Magenta (12%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.2332, 0.4043, 0.4421 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 74.2332, 0.4043, 0.4421 by changing the saturation by 10% instead.

 74.2332, 0.4043,
0.4421

 74.2332, 0.4043,
0.4421


475.2778, 0.3648,
0.3918


 54.9849, 0.4121,
0.4525


 125.2263, 0.3914,
0.4254

 39.3897, 0.4211,
0.4647


 157.7400, 0.3862,
0.4187

 27.0630, 0.4312,
0.4789


 195.4442, 0.3815,
0.4128

 17.6205, 0.4420,
0.4951

238.7234, 0.3774,
0.4076

 10.6779, 0.4531,
0.5134

287.9620, 0.3737,
0.4029

 5.8507, 0.4647,
0.5353

343.5443, 0.3704,

 2.7545, 0.4581,

0.3988

0.5419

405.8548, 0.3674,
0.3951

■ 1.0049, 0.4461,
0.5539

■ 0.0000, 0.0000,
0.0000

■ 74.2332, 0.4043,
0.4421

■ 74.2332, 0.4043,
0.4421

■ 71.5468, 0.4195,
0.4575

■ 77.1323, 0.3877,
0.4237

■ 69.0493, 0.4326,
0.4691


■ 80.2451, 0.3704,
0.4032

■ 66.7292, 0.4430,
0.4760


■ 83.5859, 0.3531,
0.3819


■ 64.5676, 0.4505,
0.4783


■ 87.1643, 0.3363,
0.3603

 63.5448, 0.4534,
0.4782

 90.9894, 0.3204,
0.3393

 94.7951, 0.3080,
0.3233

 97.4085, 0.3078,
0.3273

 98.5163, 0.3078,
0.3290

Harmonies

Analogous

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



74.2332, 0.4435, 0.4005



74.2332, 0.4043, 0.4421



74.2332, 0.3429, 0.4549

Triad

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



74.2332, 0.4043, 0.4421



74.2332, 0.1957, 0.2856



74.2332, 0.3392, 0.2567

Complementary

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



74.2332, 0.4043, 0.4421



27.1516, 0.2117, 0.1803

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.



74.2332, 0.2711, 0.2300



74.2332, 0.4043, 0.4421



74.2332, 0.1951, 0.2411

Square

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



74.2332, 0.4043, 0.4421



74.2332, 0.2237, 0.3534



74.2332, 0.2208, 0.2236



74.2332, 0.4061, 0.2988

Rectangle

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



74.2332, 0.4043, 0.4421



74.2332, 0.2982, 0.4380



74.2332, 0.2208, 0.2236



74.2332, 0.3154, 0.2458

Sweetspot

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



74.2367, 0.4043, 0.4421



92.9253, 0.3395, 0.3646



32.9231, 0.4470, 0.3035



19.7219, 0.3429, 0.3689



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.



74.2367, 0.4043, 0.4421



76.6225, 0.4210, 0.4590



80.5062, 0.3613, 0.4767



18.8084, 0.3273, 0.3485



33.7863, 0.4527, 0.4787



3.0930, 0.4478, 0.4826

Inverse Universe

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



27.1516, 0.2117, 0.1803



21.5330, 0.1913, 0.1466



24.9645, 0.2361, 0.1645



16.3797, 0.2979, 0.3087



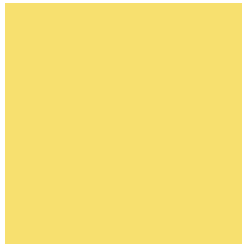
4.5575, 0.1541, 0.0749



0.5276, 0.1597, 0.0949

Previews

White Background



This preview shows how the Yxy color 74.2332, 0.4043, 0.4421 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 74.2332, 0.4043, 0.4421 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 74.2332, 0.4043, 0.4421

Background



This preview shows how black text looks on a background with the Yxy color 74.2332, 0.4043, 0.4421.



This preview shows how white text looks on a background with the Yxy color 74.2332, 0.4043, 0.4421.

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

74.2332, 0.4043, 0.4421

Protanopia

74.2332, 0.4043, 0.4421

Deuteranopia

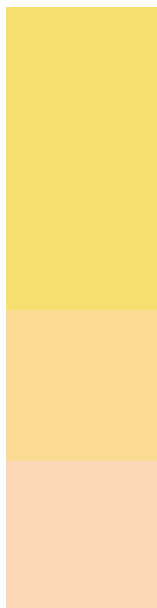
74.3051, 0.3746, 0.3784



Tritanopia

73.8930, 0.3342, 0.3140

Trichromacy



Original Color

74.2332, 0.4043, 0.4421

Protanomaly

74.2332, 0.4043, 0.4421

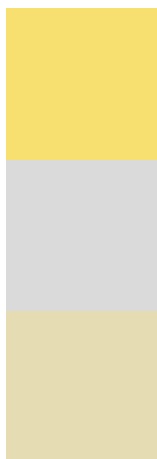
Deuteranomaly

74.0518, 0.3864, 0.4020

Tritanomaly

73.3100, 0.3620, 0.3612

Monochromacy



Original Color

74.2332, 0.4043, 0.4421

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

71.0991, 0.3475, 0.3741

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.2332, 0.4043, 0.4421 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(247, 224, 111)` looks like.

```
.text, #text, p{  
    color:rgb(247, 224, 111)  
}
```

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(247, 224, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 224, 111) }
```

Border

The CSS property to change the border of an element to Yxy 74.2332, 0.4043, 0.4421 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(247, 224, 111) }
```

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

```
.border{ border-color:rgb(247, 224, 111) }
```

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

Here you see how a box with a 4 pixel rgb(247, 224, 111) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 224, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 224, 111);  
box-shadow:4px 4px 4px 4px rgb(247, 224,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 74.2332, 0.4043, 0.4421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 224, 111) }
```

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

```
.background{ background-color: rgb(247,  
224, 111) }
```

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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