

Converting Colors

$Y_{xy}(73.3771, 0.4147, 0.4501)$

Have a look what the booklet for
Yxy(73.3771, 0.4147, 0.4501)
contains.

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Color

Yxy(73.4484, 0.4147, 0.4496)

Conversions

| Conversions Part 1 | |
|--------------------|-----------------------------|
| Format | Color |
| Hex | FADE62 |
| RGB | 250, 222, 98 |
| RGB Percent | 98%, 87%, 38% |
| CMY | 0.0197, 0.1294, 0.6156 |
| CMYK | 0.00, 0.11, 0.61, 0.02 |
| HSL | 49°, 94%, 68% |
| HSV | 49°, 61%, 98% |
| XYZ | 67.7470, 73.4484, 22.1685 |
| YIQ | 216.2360, 56.4920, -32.6280 |

Conversions

Conversions Part 2

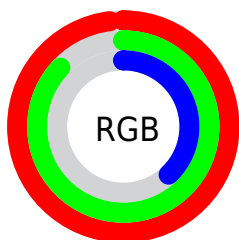
| Format | Color |
|-------------------------------------|---|
| RYB | 132, 250, 98 |
| Decimal | 16440930 |
| CIELab | 88.66, -4.49, 62.79 |
| CIELCh | 89, 62.952, 94.089 |
| Yxy | 73.4484, 0.4147, 0.4496 |
| Android (android.graphics.Color) | 4294631010 (0xFFFADE62) |
| YUV | 216.2360, -58.2903, 29.6110 |
| Hunter-Lab | 85.7020, -8.8753, 44.6549 |

Details

The Yxy color **73.4484, 0.4147, 0.4496** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **24.4221, 0.2014, 0.1653**, and the grayscale version is **69.2180, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0799, 0.3728, 0.4284**, and **38.7517, 0.4325, 0.4724** is the 20% darker color. If you saturate the color by 10%, you get **70.6394, 0.4293, 0.4627**, and if you desaturate by 10%, it is **76.4785, 0.3983, 0.4330**.

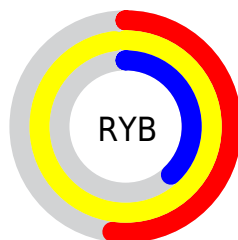
Distribution



Red (98%)

Green (87%)

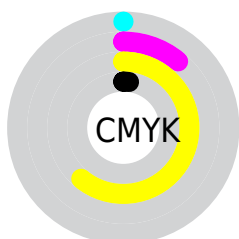
Blue (38%)



Red (52%)

Yellow (98%)

Blue (38%)

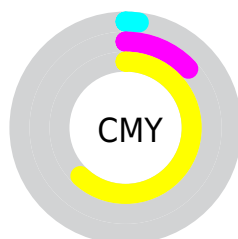


Cyan (0%)

Magenta (11%)

Yellow (61%)

Black (2%)



Cyan (2%)

Magenta (13%)


Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.4484, 0.4147, 0.4496 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 73.4484, 0.4147, 0.4496 by changing the saturation by 10% instead.


 73.4484, 0.4147,
0.4496

 73.4484, 0.4147,
0.4496


472.5674, 0.3711,
0.3968


 54.3427, 0.4231,
0.4602


 124.1136, 0.4007,
0.4323


 38.8757, 0.4325,
0.4723


 156.4418, 0.3949,
0.4253

 26.6630, 0.4429,
0.4860


 193.9464, 0.3898,
0.4191

 17.3203, 0.4535,
0.5010

 237.0116, 0.3852,
0.4136

 10.4631, 0.4665,
0.5200

286.0219, 0.3811,
0.4087

 5.7071, 0.4696,
0.5304


341.3618, 0.3774,


 2.6678, 0.4645,


0.4043


0.5355

403.4154, 0.3741,
0.4004


 0.9609, 0.4549,
0.5451


 0.0000, 0.0000,
0.0000


 73.4484, 0.4147,
0.4496


 73.4484, 0.4147,
0.4496

 70.6394, 0.4293,
0.4627


 76.4785, 0.3983,
0.4330


 68.0264, 0.4414,
0.4714


 79.7321, 0.3809,
0.4138

 65.5951, 0.4507,
0.4754

 83.2245, 0.3633,
0.3931

 63.4901, 0.4568,
0.4755

 86.9662, 0.3460,
0.3719

 90.9670, 0.3294,
0.3509

 95.2362, 0.3139,
0.3306

 98.5668, 0.3096,
0.3282

 99.0609, 0.3096,
0.3290

Harmonies

Analogous

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



73.4484, 0.4564, 0.4021



73.4484, 0.4147, 0.4496



73.4484, 0.3485, 0.4682

Triad

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



73.4484, 0.4147, 0.4496



73.4484, 0.1869, 0.2842



73.4484, 0.3370, 0.2486

Complementary

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



73.4484, 0.4147, 0.4496



24.4221, 0.2014, 0.1653

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.



73.4484, 0.2634, 0.2211



73.4484, 0.4147, 0.4496



73.4484, 0.1849, 0.2350

Square

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



73.4484, 0.4147, 0.4496



73.4484, 0.2182, 0.3599



73.4484, 0.2107, 0.2152



73.4484, 0.4115, 0.2928

Rectangle

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



73.4484, 0.4147, 0.4496



73.4484, 0.3000, 0.4523



73.4484, 0.2107, 0.2152



73.4484, 0.3110, 0.2373

Sweetspot

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



73.4519, 0.4147, 0.4496



92.1153, 0.3413, 0.3661



30.6318, 0.4664, 0.2994



19.4618, 0.3462, 0.3722



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.



73.4519, 0.4147, 0.4496



73.2596, 0.4323, 0.4651



82.1369, 0.3661, 0.4897



19.6154, 0.3273, 0.3482



33.8795, 0.4561, 0.4760



3.2740, 0.4509, 0.4802

Inverse Universe

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



24.4221, 0.2014, 0.1653



18.2036, 0.1807, 0.1297



21.5372, 0.2242, 0.1461



17.1598, 0.2979, 0.3090



4.8477, 0.1547, 0.0770



0.5846, 0.1601, 0.0965

Previews

White Background



This preview shows how the Yxy color 73.4484, 0.4147, 0.4496 looks on a white background.

Color Contrast Check

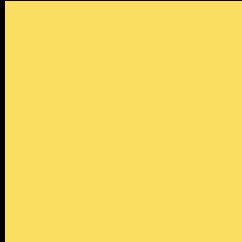
Large Text (above 18pt) WCAG AA × Fail

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 73.4484, 0.4147, 0.4496 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 73.4484, 0.4147, 0.4496

Background



This preview shows how black text looks on a background with the Yxy color 73.4484, 0.4147, 0.4496.



This preview shows how white text looks on a background with the Yxy color 73.4484, 0.4147, 0.4496.

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

73.4484, 0.4147, 0.4496

Protanopia

73.4314, 0.4118, 0.4517

Deuteranopia

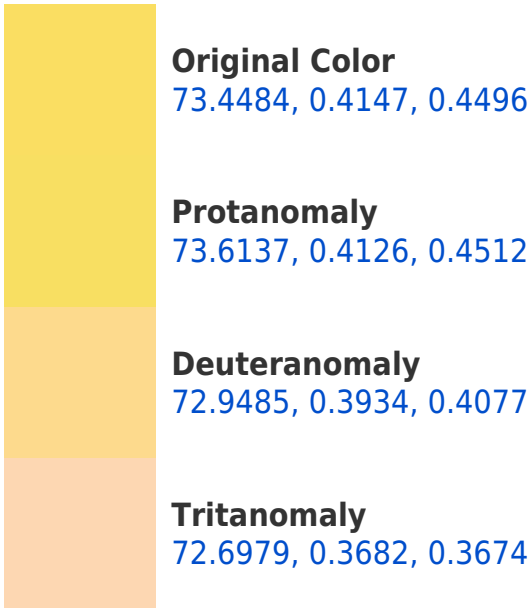
73.0883, 0.3789, 0.3816



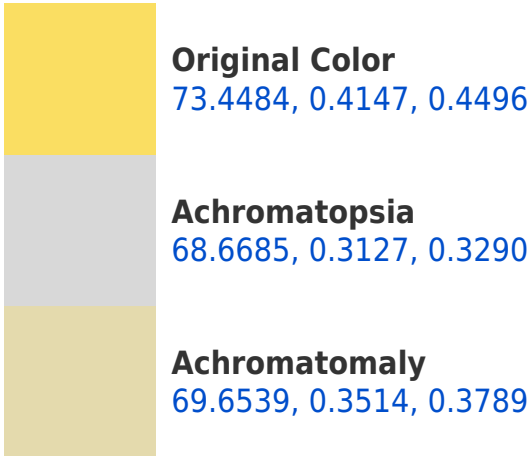
Tritanopia

73.2303, 0.3365, 0.3160

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.4484, 0.4147, 0.4496 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, 222, 98)` looks like.

```
.text, #text, p{  
    color:rgb(250, 222, 98)  
}
```

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, 222, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 222, 98) }
```

Border

The CSS property to change the border of an element to Yxy 73.4484, 0.4147, 0.4496 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, 222, 98) }
```

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

```
.border{ border-color:rgb(250, 222, 98) }
```

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

Here you see how a box with a 4 pixel rgb(250, 222, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 222, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 222, 98);  
box-shadow:4px 4px 4px 4px rgb(250, 222,  
98) }
```


Background

The CSS property to change the background color of an element to Yxy 73.4484, 0.4147, 0.4496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 222, 98) }
```

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

```
.background{ background-color: rgb(250,  
222, 98) }
```

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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