

Converting Colors

$Y_{xy}(78.6049, 0.4250, 0.4144)$

Have a look what the booklet for
Yxy(78.6049, 0.4250, 0.4144)
contains.

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Color

Yxy(73.4037, 0.4049, 0.4230)

Conversions

Conversions Part 1

Format	Color
Hex	FFDB7D
RGB	255, 219, 125
RGB Percent	100%, 86%, 49%
CMY	0.0001, 0.1411, 0.5098
CMYK	0.00, 0.14, 0.51, 0.00
HSL	43°, 100%, 75%
HSV	43°, 51%, 100%
XYZ	70.2628, 73.4037, 29.8647
YIQ	219.0480, 51.6300, -21.6020

Conversions

Conversions Part 2

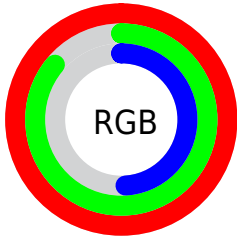
Format	Color
RYB	175, 255, 125
Decimal	16767869
CIELab	88.64, 1.06, 50.47
CIELCh	89, 50.479, 88.793
Yxy	73.4037, 0.4049, 0.4230
Android (android.graphics.Color)	4294957949 (0xFFFFDB7D)
YUV	219.0480, -46.3657, 31.5299
Hunter-Lab	85.6760, -3.5452, 39.3060

Details

The Yxy color **73.4037, 0.4049, 0.4230** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **37.0453, 0.2230, 0.2106**, and the grayscale version is **71.1739, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.0347, 0.3579, 0.4037**, and **38.7677, 0.4240, 0.4414** is the 20% darker color. If you saturate the color by 10%, you get **69.2350, 0.4242, 0.4381**, and if you desaturate by 10%, it is **77.9024, 0.3852, 0.4056**.

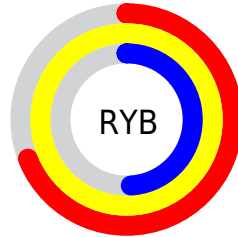
Distribution



Red (100%)

Green (86%)

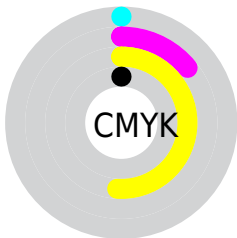
Blue (49%)



Red (69%)

Yellow (100%)

Blue (49%)

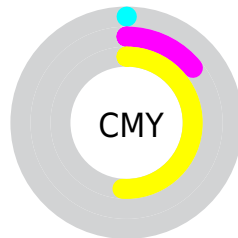


Cyan (0%)

Magenta (14%)

Yellow (51%)

Black (0%)



Cyan (0%)


Magenta (14%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.4037, 0.4049, 0.4230 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 73.4037, 0.4049, 0.4230 by changing the saturation by 10% instead.


 73.4037, 0.4049,
0.4230

 73.4037, 0.4049,
0.4230


472.4128, 0.3639,
0.3814


 54.3061, 0.4135,
0.4316


 124.0501, 0.3912,
0.4092

 38.8465, 0.4236,
0.4418


 156.3678, 0.3857,
0.4036

 26.6403, 0.4355,
0.4536


 193.8610, 0.3809,
0.3987

 17.3033, 0.4493,
0.4673

236.9140, 0.3767,
0.3944

 10.4509, 0.4649,
0.4825

285.9113, 0.3730,
0.3906

 5.6990, 0.4914,
0.5086

341.2373, 0.3696,

 2.6629, 0.4926,

0.3872

0.5074

403.2763, 0.3666,
0.3842

■ 0.9584, 0.4948,
0.5052

■ 0.0000, 0.0000,
0.0000

■ 73.4037, 0.4049,
0.4230

■ 73.4037, 0.4049,
0.4230

■ 69.2350, 0.4242,
0.4381

■ 77.9024, 0.3852,
0.4056

■ 65.3710, 0.4422,
0.4497

■ 82.7342, 0.3658,
0.3868

■ 61.7981, 0.4579,
0.4569

■ 87.9151, 0.3473,
0.3677

■ 58.4964, 0.4707,
0.4591

■ 93.4568, 0.3300,
0.3488

■ 55.7224, 0.4797,
0.4573

99.3700, 0.3142,
0.3307

99.9930, 0.3127,
0.3290

Harmonies

Analogous

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



73.4037, 0.4321, 0.3839



73.4037, 0.4049, 0.4230



73.4037, 0.3541, 0.4399

Triad

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



73.4037, 0.4049, 0.4230



73.4037, 0.2121, 0.3041



73.4037, 0.3219, 0.2574

Complementary

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



73.4037, 0.4049, 0.4230



37.0453, 0.2230, 0.2106

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.



73.4037, 0.2640, 0.2373



73.4037, 0.4049, 0.4230



73.4037, 0.2055, 0.2586

Square

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



73.4037, 0.4049, 0.4230



73.4037, 0.2434, 0.3656



73.4037, 0.2233, 0.2366



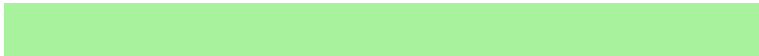
73.4037, 0.3826, 0.2928

Rectangle

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



73.4037, 0.4049, 0.4230



73.4037, 0.3145, 0.4309



73.4037, 0.2233, 0.2366



73.4037, 0.3013, 0.2488

Sweetspot

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



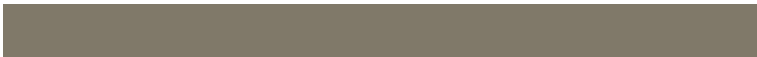
73.4072, 0.4049, 0.4230



91.2123, 0.3368, 0.3564



38.5213, 0.4165, 0.2913



19.2732, 0.3405, 0.3603



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.



73.4072, 0.4049, 0.4230



69.2478, 0.4243, 0.4381



89.2758, 0.3678, 0.4620



20.1914, 0.3276, 0.3461



29.3892, 0.4785, 0.4583



3.0450, 0.4702, 0.4649

Inverse Universe

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



37.0453, 0.2230, 0.2106



29.3834, 0.2050, 0.1826



28.6711, 0.2332, 0.1735



18.1953, 0.2979, 0.3113



6.3088, 0.1595, 0.0940



0.7880, 0.1654, 0.1155

Previews

White Background



This preview shows how the Yxy color 73.4037, 0.4049, 0.4230 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 73.4037, 0.4049, 0.4230 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 73.4037, 0.4049, 0.4230

Background



This preview shows how black text looks on a background with the Yxy color 73.4037, 0.4049, 0.4230.



This preview shows how white text looks on a background with the Yxy color 73.4037, 0.4049, 0.4230.

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

73.4037, 0.4049, 0.4230

Protanopia

73.5148, 0.3937, 0.4290

Deuteranopia

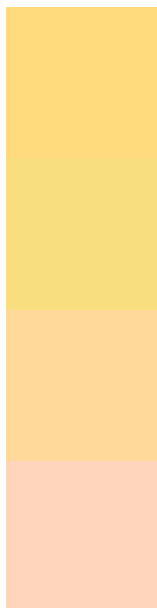
73.2363, 0.3760, 0.3775



Tritanopia

73.1762, 0.3372, 0.3170

Trichromacy



Original Color

73.4037, 0.4049, 0.4230

Protanomaly

73.7054, 0.3973, 0.4269

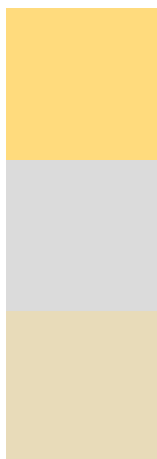
Deuteranomaly

73.1856, 0.3871, 0.3946

Tritanomaly

72.9410, 0.3633, 0.3569

Monochromacy



Original Color

73.4037, 0.4049, 0.4230

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

71.3216, 0.3458, 0.3661

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.4037, 0.4049, 0.4230 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(255, 219, 125)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 125)  
}
```

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(255, 219, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 125) }
```

Border

The CSS property to change the border of an element to Yxy 73.4037, 0.4049, 0.4230 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(255, 219, 125) }
```

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

```
.border{ border-color:rgb(255, 219, 125) }
```

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

Here you see how a box with a 4 pixel rgb(255, 219, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 219, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 219, 125);  
box-shadow:4px 4px 4px 4px rgb(255, 219,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 73.4037, 0.4049, 0.4230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 219, 125) }
```

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

```
.background{ background-color: rgb(255,  
219, 125) }
```

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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