

Converting Colors

$Yxy(96.7777, 0.4828, 0.4048)$

Have a look what the booklet for
Yxy(96.7777, 0.4828, 0.4048)
contains.

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Color

Yxy(73.0057, 0.4151, 0.4374)

Conversions

Conversions Part 1

Format	Color
Hex	FFDB6C
RGB	255, 219, 108
RGB Percent	100%, 86%, 42%
CMY	0.0000, 0.1412, 0.5766
CMYK	0.00, 0.14, 0.58, 0.00
HSL	45°, 100%, 71%
HSV	45°, 58%, 100%
XYZ	69.2836, 73.0057, 24.6190
YIQ	217.1100, 57.0870, -26.8890

Conversions

Conversions Part 2

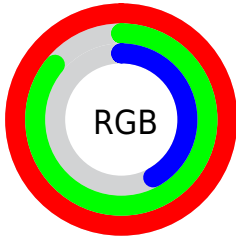
Format	Color
R _Y B	156, 255, 108
Decimal	16767852
CIE Lab	88.45, -0.23, 58.24
CIE LCh	88, 58.245, 90.226
Yxy	73.0057, 0.4151, 0.4374
Android (android.graphics.Color)	4294957932 (0xFFFFDB6C)
YUV	217.1100, -53.7912, 33.2295
Hunter-Lab	85.4434, -4.7852, 42.7270

Details

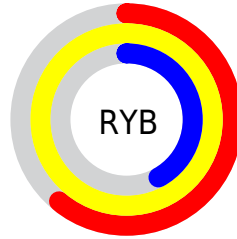
The Yxy color **73.0057, 0.4151, 0.4374** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **30.3453, 0.2096, 0.1859**, and the grayscale version is **69.8107, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.3886, 0.3678, 0.4200**, and **38.4289, 0.4341, 0.4574** is the 20% darker color. If you saturate the color by 10%, you get **69.3418, 0.4324, 0.4508**, and if you desaturate by 10%, it is **76.9485, 0.3965, 0.4209**.

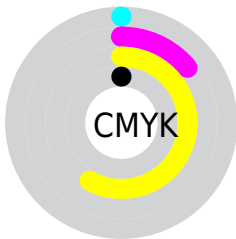
Distribution



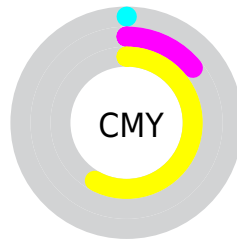
- Red (100%)
- Green (86%)
- Blue (42%)



- Red (61%)
- Yellow (100%)
- Blue (42%)



- Cyan (0%)
- Magenta (14%)
- Yellow (58%)
- Black (0%)



- Cyan (0%)
- Magenta (14%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.0057, 0.4151, 0.4374 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 73.0057, 0.4151, 0.4374 by changing the saturation by 10% instead.


 73.0057, 0.4151,
0.4374


 73.0057, 0.4151,
0.4374


471.0346, 0.3704,
0.3900


 53.9806, 0.4241,
0.4469


 123.4853, 0.4005,
0.4219

 38.5862, 0.4344,
0.4579


 155.7086, 0.3945,
0.4156

 26.4379, 0.4461,
0.4704


 193.1001, 0.3893,
0.4100

 17.1516, 0.4590,
0.4842

 236.0442, 0.3846,
0.4051

 10.3426, 0.4733,
0.4995

284.9254, 0.3805,
0.4007

 5.6267, 0.4864,
0.5136

340.1278, 0.3768,

 2.6194, 0.4861,

0.3968

0.5139

402.0361, 0.3734,
0.3932

■ 0.9365, 0.4857,
0.5143

■ 0.0000, 0.0000,
0.0000

■ 73.0057, 0.4151,
0.4374

■ 73.0057, 0.4151,
0.4374

■ 69.3418, 0.4324,
0.4508

■ 76.9485, 0.3965,
0.4209

■ 65.9443, 0.4477,
0.4601


■ 81.1871, 0.3776,
0.4022

■ 62.7939, 0.4602,
0.4645

■ 85.7331, 0.3590,
0.3826

■ 59.8670, 0.4696,
0.4642

■ 90.5980, 0.3412,
0.3627

 59.2059, 0.4716,
0.4637

 95.7928, 0.3246,
0.3433

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



73.0057, 0.4491, 0.3920



73.0057, 0.4151, 0.4374



73.0057, 0.3556, 0.4579

Triad

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



73.0057, 0.4151, 0.4374



73.0057, 0.1972, 0.2960



73.0057, 0.3262, 0.2494

Complementary

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



73.0057, 0.4151, 0.4374



30.3453, 0.2096, 0.1859

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.



73.0057, 0.2593, 0.2258



73.0057, 0.4151, 0.4374



73.0057, 0.1915, 0.2459

Square

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



73.0057, 0.4151, 0.4374



73.0057, 0.2306, 0.3676



73.0057, 0.2127, 0.2234



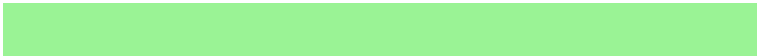
73.0057, 0.3964, 0.2895

Rectangle

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



73.0057, 0.4151, 0.4374



73.0057, 0.3103, 0.4470



73.0057, 0.2127, 0.2234



73.0057, 0.3024, 0.2394

Sweetspot

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



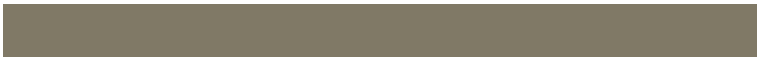
73.0047, 0.4151, 0.4374



90.9293, 0.3400, 0.3614



34.0156, 0.4447, 0.2927



19.2469, 0.3435, 0.3654



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.



73.0047, 0.4151, 0.4374



68.8706, 0.4346, 0.4523



87.5451, 0.3696, 0.4796



20.2928, 0.3275, 0.3468



31.1829, 0.4706, 0.4646



3.2070, 0.4634, 0.4702

Inverse Universe

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



30.3453, 0.2096, 0.1859



22.8362, 0.1901, 0.1537



23.9348, 0.2241, 0.1531



18.1000, 0.2979, 0.3105



5.7920, 0.1576, 0.0874



0.7265, 0.1634, 0.1081

Previews

White Background



This preview shows how the Yxy color 73.0057, 0.4151, 0.4374 looks on a white background.

Color Contrast Check

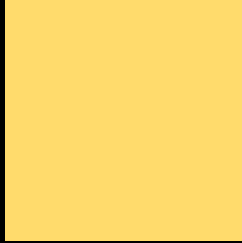
Large Text (above 18pt) WCAG AA × Fail

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 73.0057, 0.4151, 0.4374 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 73.0057, 0.4151, 0.4374

Background



This preview shows how black text looks on a background with the Yxy color 73.0057, 0.4151, 0.4374.



This preview shows how white text looks on a background with the Yxy color 73.0057, 0.4151, 0.4374.

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

73.0057, 0.4151, 0.4374

Protanopia

72.9395, 0.4058, 0.4425

Deuteranopia

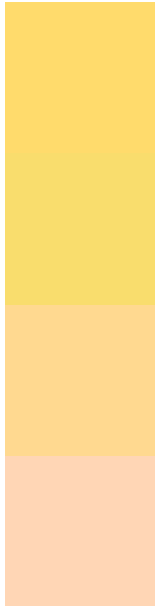
73.0883, 0.3789, 0.3816



Tritanopia

73.1225, 0.3380, 0.3180

Trichromacy



Original Color

73.0057, 0.4151, 0.4374

Protanomaly

72.9568, 0.4087, 0.4405

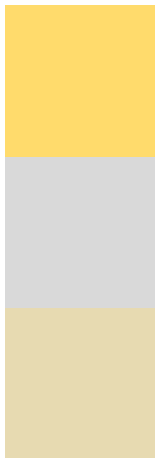
Deuteranomaly

72.8993, 0.3934, 0.4034

Tritanomaly

72.6893, 0.3678, 0.3631

Monochromacy



Original Color

73.0057, 0.4151, 0.4374

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

70.3061, 0.3509, 0.3741

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.0057, 0.4151, 0.4374 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, 108)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 108)  
}
```

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, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 108) }
```

Border

The CSS property to change the border of an element to Yxy 73.0057, 0.4151, 0.4374 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, 108) }
```

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

```
.border{ border-color:rgb(255, 219, 108) }
```

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, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 219, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 219, 108);  
box-shadow:4px 4px 4px 4px rgb(255, 219,  
108) }
```


Background

The CSS property to change the background color of an element to Yxy 73.0057, 0.4151, 0.4374 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, 108) }
```

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

```
.background{ background-color: rgb(255,  
219, 108) }
```

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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