

Converting Colors

$Yxy(73.9804, 0.4029, 0.4216)$

Have a look what the booklet for
Yxy(73.9804, 0.4029, 0.4216)
contains.

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Color

Yxy(73.9787, 0.4032, 0.4221)

Conversions

Conversions Part 1

Format	Color
Hex	FFDC7F
RGB	255, 220, 127
RGB Percent	100%, 86%, 50%
CMY	0.0000, 0.1372, 0.5021
CMYK	0.00, 0.14, 0.50, 0.00
HSL	44°, 100%, 75%
HSV	44°, 50%, 100%
XYZ	70.6662, 73.9787, 30.6185
YIQ	219.8630, 50.7130, -21.5030

Conversions

Conversions Part 2

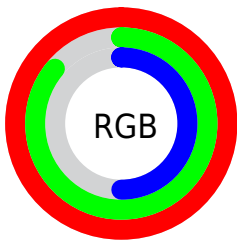
Format	Color
RYB	175, 255, 127
Decimal	16768127
CIELab	88.91, 0.75, 49.85
CIElCh	89, 49.859, 89.135
Yxy	73.9787, 0.4032, 0.4221
Android (android.graphics.Color)	4294958207 (0xFFFFDC7F)
YUV	219.8630, -45.7815, 30.8151
Hunter-Lab	86.0109, -3.8641, 39.1013

Details

The Yxy color **73.9787, 0.4032, 0.4221** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **37.5541, 0.2243, 0.2121**, and the grayscale version is **71.7656, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.1162, 0.3567, 0.4018**, and **39.1540, 0.4218, 0.4405** is the 20% darker color. If you saturate the color by 10%, you get **69.8137, 0.4224, 0.4375**, and if you desaturate by 10%, it is **78.4653, 0.3835, 0.4045**.

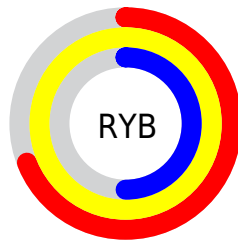
Distribution



Red (100%)

Green (86%)

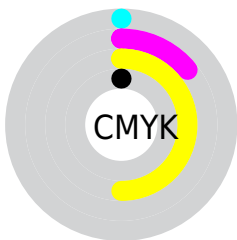
Blue (50%)



Red (69%)

Yellow (100%)

Blue (50%)

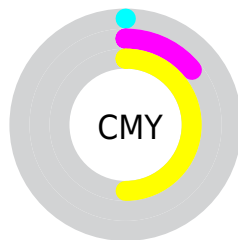


Cyan (0%)

Magenta (14%)

Yellow (50%)

Black (0%)



Cyan (0%)


Magenta (14%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.9787, 0.4032, 0.4221 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 73.9787, 0.4032, 0.4221 by changing the saturation by 10% instead.


 73.9787, 0.4032,
0.4221

 73.9787, 0.4032,
0.4221


474.3999, 0.3630,
0.3809


 54.7766, 0.4116,
0.4307


 124.8656, 0.3898,
0.4084

 39.2229, 0.4216,
0.4408


 157.3192, 0.3844,
0.4029

 26.9332, 0.4333,
0.4527


 194.9588, 0.3797,
0.3980

 17.5230, 0.4469,
0.4664

238.1687, 0.3755,
0.3938

 10.6081, 0.4624,
0.4819

287.3334, 0.3719,
0.3900

 5.8040, 0.4902,
0.5098

342.8372, 0.3686,

 2.7263, 0.4910,

0.3866

0.5090

405.0646, 0.3656,
0.3836

■ 0.9905, 0.4925,
0.5075

■ 0.0000, 0.0000,
0.0000

■ 73.9787, 0.4032,
0.4221

■ 73.9787, 0.4032,
0.4221

■ 69.8137, 0.4224,
0.4375

■ 78.4653, 0.3835,
0.4045

■ 65.9542, 0.4404,
0.4495

■ 83.2856, 0.3643,
0.3856

■ 62.3840, 0.4562,
0.4571

■ 88.4524, 0.3459,
0.3664

■ 59.0835, 0.4691,
0.4597

■ 93.9773, 0.3288,
0.3475

■ 56.0842, 0.4789,
0.4579

99.8709, 0.3130,
0.3294

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.



73.9787, 0.4303, 0.3838



73.9787, 0.4032, 0.4221



73.9787, 0.3530, 0.4382

Triad

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



73.9787, 0.4032, 0.4221



73.9787, 0.2132, 0.3039



73.9787, 0.3225, 0.2587

Complementary

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



73.9787, 0.4032, 0.4221



37.5541, 0.2243, 0.2121

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.



73.9787, 0.2653, 0.2386



73.9787, 0.4032, 0.4221



73.9787, 0.2069, 0.2593

Square

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



73.9787, 0.4032, 0.4221



73.9787, 0.2439, 0.3643



73.9787, 0.2249, 0.2378



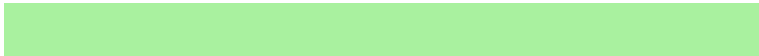
73.9787, 0.3822, 0.2938

Rectangle

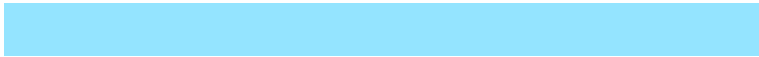
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.9787, 0.4032, 0.4221



73.9787, 0.3139, 0.4289



73.9787, 0.2249, 0.2378



73.9787, 0.3022, 0.2501

Sweetspot

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



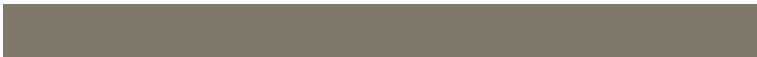
73.9791, 0.4032, 0.4221



91.2867, 0.3368, 0.3565



39.0810, 0.4141, 0.2918



19.2912, 0.3404, 0.3605



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.



73.9791, 0.4032, 0.4221



69.8988, 0.4220, 0.4372



89.4241, 0.3671, 0.4601



20.2017, 0.3276, 0.3462



29.5671, 0.4777, 0.4589



3.0611, 0.4695, 0.4654

Inverse Universe

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



37.5541, 0.2243, 0.2121



29.9366, 0.2066, 0.1848



29.3272, 0.2346, 0.1760



18.1856, 0.2979, 0.3112



6.2531, 0.1593, 0.0933



0.7815, 0.1652, 0.1147

Previews

White Background



This preview shows how the Yxy color 73.9787, 0.4032, 0.4221 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 73.9787, 0.4032, 0.4221 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 73.9787, 0.4032, 0.4221

Background



This preview shows how black text looks on a background with the Yxy color 73.9787, 0.4032, 0.4221.



This preview shows how white text looks on a background with the Yxy color 73.9787, 0.4032, 0.4221.

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

73.9787, 0.4032, 0.4221

Protanopia

74.2823, 0.3928, 0.4278

Deuteranopia

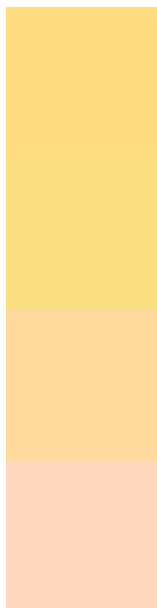
73.8643, 0.3735, 0.3754



Tritanopia

73.7288, 0.3364, 0.3170

Trichromacy



Original Color

73.9787, 0.4032, 0.4221

Protanomaly

74.4736, 0.3964, 0.4256

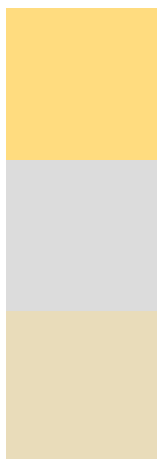
Deuteranomaly

73.8031, 0.3846, 0.3926

Tritanomaly

73.5350, 0.3616, 0.3558

Monochromacy



Original Color

73.9787, 0.4032, 0.4221

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

72.0552, 0.3457, 0.3660

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.9787, 0.4032, 0.4221 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, 220, 127)` looks like.

```
.text, #text, p{  
    color:rgb(255, 220, 127)  
}
```

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, 220, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 220, 127) }
```

Border

The CSS property to change the border of an element to Yxy 73.9787, 0.4032, 0.4221 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, 220, 127) }
```

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

```
.border{ border-color:rgb(255, 220, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 220, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 220, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 220, 127);  
box-shadow:4px 4px 4px 4px rgb(255, 220,  
127) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 73.9787, 0.4032, 0.4221$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 220, 127) }
```

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

```
.background{ background-color: rgb(255,  
220, 127) }
```

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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