

Converting Colors

Yxy(67.4184, 0.3885, 0.4093)

Have a look what the booklet for
Yxy(67.4184, 0.3885, 0.4093)
contains.

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Color

Yxy(67.4184, 0.3885, 0.4093)

Conversions

Conversions Part 1

Format	Color
Hex	F0D489
RGB	240, 212, 137
RGB Percent	94%, 83%, 54%
CMY	0.0588, 0.1686, 0.4628
CMYK	0.00, 0.12, 0.43, 0.06
HSL	44°, 77%, 74%
HSV	44°, 43%, 94%
XYZ	63.9923, 67.4184, 33.3056
YIQ	211.8220, 40.7630, -17.3890

Conversions

Conversions Part 2

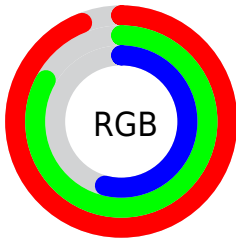
Format	Color
R _Y B	175, 240, 137
Decimal	15783049
CIE Lab	85.71, -0.20, 40.61
CIE LCh	86, 40.614, 90.280
Yxy	67.4184, 0.3885, 0.4093
Android (android.graphics.Color)	4293973129 (0xFFFF0D489)
YUV	211.8220, -36.8872, 24.7121
Hunter-Lab	82.1087, -4.5744, 33.4264

Details

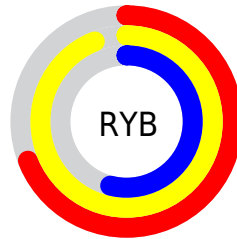
The Yxy color **67.4184, 0.3885, 0.4093** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **38.5134, 0.2382, 0.2323**, and the grayscale version is **65.9445, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.5416, 0.3508, 0.3919**, and **35.0707, 0.4044, 0.4272** is the 20% darker color. If you saturate the color by 10%, you get **63.6127, 0.4080, 0.4265**, and if you desaturate by 10%, it is **71.5152, 0.3692, 0.3907**.

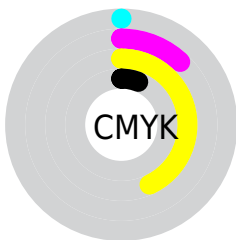
Distribution



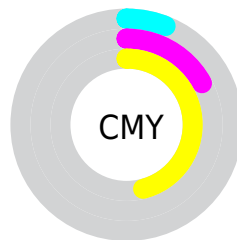
- Red (94%)
- Green (83%)
- Blue (54%)



- Red (69%)
- Yellow (94%)
- Blue (54%)



- Cyan (0%)
- Magenta (12%)
- Yellow (43%)
- Black (6%)





- Cyan (6%)
- Magenta (17%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.4184, 0.3885, 0.4093 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 67.4184, 0.3885, 0.4093 by changing the saturation by 10% instead.

 67.4184, 0.3885,
0.4093


 67.4184, 0.3885,
0.4093


451.4326, 0.3538,
0.3725

 49.4247, 0.3961,
0.4174


 115.5197, 0.3767,
0.3967

 34.9565, 0.4053,
0.4271


 146.3962, 0.3720,
0.3918

 23.6294, 0.4164,
0.4389


 182.3357, 0.3679,
0.3875

 15.0589, 0.4299,
0.4534

223.7226, 0.3644,
0.3837

 8.8608, 0.4464,
0.4709

270.9414, 0.3613,
0.3804

 4.6505, 0.4729,
0.4992

324.3764, 0.3585,

 2.0437, 0.4862,

0.3775

0.5138

384.4120, 0.3560,
0.3749

0.6327, 0.4853,
0.5147

0.0000, 0.0000,
0.0000

67.4184, 0.3885,
0.4093

67.4184, 0.3885,
0.4093

63.6127, 0.4080,
0.4265

71.5152, 0.3692,
0.3907

60.0770, 0.4269,
0.4411


75.9046, 0.3506,
0.3715


56.8012, 0.4443,
0.4520


80.5997, 0.3332,
0.3525

53.7704, 0.4594,
0.4585

85.6100, 0.3171,
0.3342

 50.9670, 0.4714,
0.4599

 90.8153, 0.3037,
0.3187

 49.1003, 0.4783,
0.4585

 94.8225, 0.3036,
0.3252

 97.2642, 0.3035,
0.3290

Harmonies

Analogous

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



67.4184, 0.4115, 0.3784



67.4184, 0.3885, 0.4093



67.4184, 0.3458, 0.4200

Triad

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



67.4184, 0.3885, 0.4093



67.4184, 0.2273, 0.3071



67.4184, 0.3234, 0.2697

Complementary

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



67.4184, 0.3885, 0.4093



38.5134, 0.2382, 0.2323

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.



67.4184, 0.2745, 0.2518



67.4184, 0.3885, 0.4093



67.4184, 0.2224, 0.2694

Square

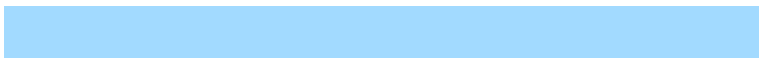
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.4184, 0.3885, 0.4093



67.4184, 0.2534, 0.3568



67.4184, 0.2388, 0.2509



67.4184, 0.3729, 0.3008

Rectangle

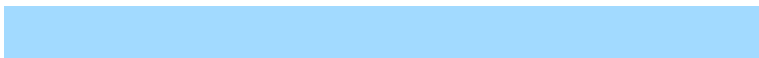
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.4184, 0.3885, 0.4093



67.4184, 0.3127, 0.4107



67.4184, 0.2388, 0.2509



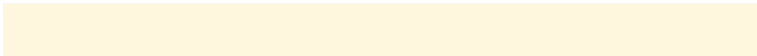
67.4184, 0.3062, 0.2621

Sweetspot

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



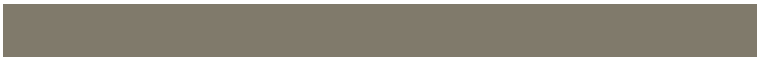
67.4215, 0.3885, 0.4093



92.4330, 0.3334, 0.3528



39.1748, 0.3924, 0.2969



19.5227, 0.3371, 0.3569



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.



67.4215, 0.3885, 0.4093



73.7494, 0.4046, 0.4236



78.9785, 0.3603, 0.4413



17.6902, 0.3275, 0.3461



27.1121, 0.4771, 0.4594



2.4196, 0.4677, 0.4668

Inverse Universe

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



38.5134, 0.2382, 0.2323



36.8172, 0.2228, 0.2097



31.5848, 0.2485, 0.2011



15.9275, 0.2980, 0.3113



5.7155, 0.1593, 0.0934



0.6351, 0.1663, 0.1186

Previews

White Background



This preview shows how the Yxy color 67.4184, 0.3885, 0.4093 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 67.4184, 0.3885, 0.4093 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 67.4184, 0.3885, 0.4093

Background



This preview shows how black text looks on a background with the Yxy color 67.4184, 0.3885, 0.4093.



This preview shows how white text looks on a background with the Yxy color 67.4184, 0.3885, 0.4093.

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

67.4184, 0.3885, 0.4093

Protanopia

67.2518, 0.3813, 0.4120

Deuteranopia

67.4779, 0.3969, 0.3910



Tritanopia

67.2595, 0.3368, 0.3125

Trichromacy



Original Color

67.4184, 0.3885, 0.4093

Protanomaly

67.2563, 0.3841, 0.4103

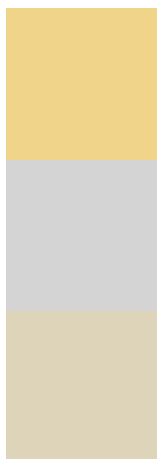
Deuteranomaly

67.4189, 0.3942, 0.3970

Tritanomaly

67.2292, 0.3559, 0.3472

Monochromacy



Original Color

67.4184, 0.3885, 0.4093

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

66.1193, 0.3394, 0.3595

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.4184, 0.3885, 0.4093 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(240, 212, 137)` looks like.

```
.text, #text, p{  
    color:rgb(240, 212, 137)  
}
```

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(240, 212, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 212, 137) }
```

Border

The CSS property to change the border of an element to Yxy 67.4184, 0.3885, 0.4093 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(240, 212, 137) }
```

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

```
.border{ border-color:rgb(240, 212, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 212, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 212, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 212, 137);  
box-shadow:4px 4px 4px 4px rgb(240, 212,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 67.4184, 0.3885, 0.4093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 212, 137) }
```

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

```
.background{ background-color: rgb(240,  
212, 137) }
```

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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