

Converting Colors

Yxy(68.0535, 0.3879, 0.4020)

Have a look what the booklet for
Yxy(68.0535, 0.3879, 0.4020)
contains.

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Color

Yxy(68.3032, 0.3875, 0.4022)

Conversions

Conversions Part 1

Format	Color
Hex	F4D48F
RGB	244, 212, 143
RGB Percent	96%, 83%, 56%
CMY	0.0432, 0.1686, 0.4391
CMYK	0.00, 0.13, 0.41, 0.04
HSL	41°, 82%, 76%
HSV	41°, 41%, 96%
XYZ	65.8068, 68.3032, 35.7140
YIQ	213.7020, 41.2210, -14.6750

Conversions

Conversions Part 2

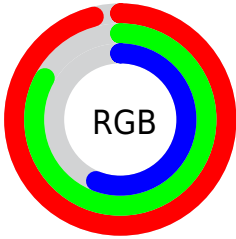
Format	Color
R _Y B	190, 244, 143
Decimal	16045199
CIE Lab	86.16, 2.00, 38.21
CIE LCh	86, 38.257, 87.010
Yxy	68.3032, 0.3875, 0.4022
Android (android.graphics.Color)	4294235279 (0xFFFF4D48F)
YUV	213.7020, -34.8561, 26.5713
Hunter-Lab	82.6458, -2.4992, 32.2308

Details

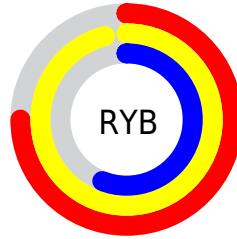
The Yxy color **68.3032, 0.3875, 0.4022** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **43.0342, 0.2420, 0.2423**, and the grayscale version is **67.2546, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8112, 0.3472, 0.3860**, and **35.6655, 0.4035, 0.4183** is the 20% darker color. If you saturate the color by 10%, you get **63.8738, 0.4083, 0.4188**, and if you desaturate by 10%, it is **73.0847, 0.3674, 0.3844**.

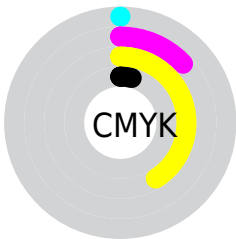
Distribution



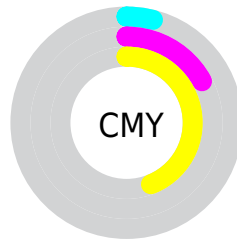
- Red (96%)
- Green (83%)
- Blue (56%)



- Red (75%)
- Yellow (96%)
- Blue (56%)



- Cyan (0%)
- Magenta (13%)
- Yellow (41%)
- Black (4%)




- Cyan (4%)
- Magenta (17%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.3032, 0.3875, 0.4022 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 68.3032, 0.3875, 0.4022 by changing the saturation by 10% instead.


 68.3032, 0.3875,
0.4022

 68.3032, 0.3875,
0.4022


454.5695, 0.3531,
0.3688

 50.1444, 0.3951,
0.4095

 116.7858, 0.3757,
0.3908

 35.5282, 0.4043,
0.4183


 147.8784, 0.3711,
0.3863

 24.0700, 0.4156,
0.4290


184.0511, 0.3671,
0.3825

 15.3856, 0.4296,
0.4421

225.6883, 0.3636,
0.3790

 9.0904, 0.4471,
0.4580

273.1743, 0.3605,
0.3760

 4.8002, 0.4716,
0.4802

326.8936, 0.3577,

 2.1305, 0.4980,

0.3734

0.5020

387.2305, 0.3553,
0.3710

0.6817, 0.5054,
0.4946

0.0000, 0.0000,
0.0000

68.3032, 0.3875,
0.4022

68.3032, 0.3875,
0.4022

63.8738, 0.4083,
0.4188

73.0847, 0.3674,
0.3844

59.7738, 0.4289,
0.4330


78.2208, 0.3483,
0.3663


55.9921, 0.4484,
0.4439


83.7260, 0.3308,
0.3484


52.5124, 0.4658,
0.4502

89.6108, 0.3148,
0.3313

 49.3157, 0.4802,
0.4515

 95.2230, 0.3060,
0.3248

 46.7620, 0.4903,
0.4489

 97.9698, 0.3060,
0.3290

Harmonies

Analogous

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



68.3032, 0.4063, 0.3721



68.3032, 0.3875, 0.4022



68.3032, 0.3490, 0.4143

Triad

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



68.3032, 0.3875, 0.4022



68.3032, 0.2340, 0.3135



68.3032, 0.3175, 0.2705

Complementary

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



68.3032, 0.3875, 0.4022



43.0342, 0.2420, 0.2423

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.



68.3032, 0.2724, 0.2552



68.3032, 0.3875, 0.4022



68.3032, 0.2270, 0.2762

Square

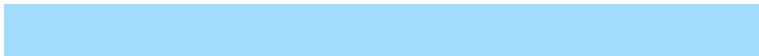
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



68.3032, 0.3875, 0.4022



68.3032, 0.2608, 0.3602



68.3032, 0.2404, 0.2564



68.3032, 0.3646, 0.2988

Rectangle

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



68.3032, 0.3875, 0.4022



68.3032, 0.3181, 0.4075



68.3032, 0.2404, 0.2564



68.3032, 0.3016, 0.2638

Sweetspot

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



68.3064, 0.3875, 0.4022



92.1554, 0.3319, 0.3496



42.0461, 0.3829, 0.2925



19.5502, 0.3341, 0.3519



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.



68.3064, 0.3875, 0.4022



71.2132, 0.4056, 0.4168



83.0310, 0.3625, 0.4360



18.3766, 0.3276, 0.3451



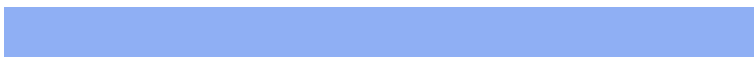
25.6873, 0.4888, 0.4501



2.4418, 0.4780, 0.4587

Inverse Universe

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



43.0342, 0.2420, 0.2423



39.7313, 0.2261, 0.2199



33.6440, 0.2474, 0.2049



16.7832, 0.2980, 0.3124



6.6748, 0.1621, 0.1037



0.7636, 0.1690, 0.1282

Previews

White Background



This preview shows how the Yxy color 68.3032, 0.3875, 0.4022 looks on a white background.

Color Contrast Check

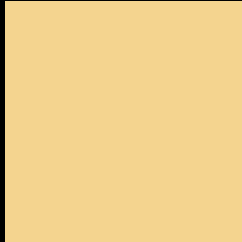
Large Text (above 18pt) WCAG AA × Fail

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 68.3032, 0.3875, 0.4022 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 68.3032, 0.3875, 0.4022

Background



This preview shows how black text looks on a background with the Yxy color 68.3032, 0.3875, 0.4022.



This preview shows how white text looks on a background with the Yxy color 68.3032, 0.3875, 0.4022.

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

68.3032, 0.3875, 0.4022

Protanopia

68.6178, 0.3772, 0.4074

Deuteranopia

68.1526, 0.3920, 0.3859



Tritanopia

68.4693, 0.3398, 0.3137

Trichromacy



Original Color

68.3032, 0.3875, 0.4022

Protanomaly

68.7916, 0.3808, 0.4055

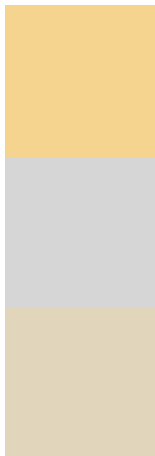
Deuteranomaly

68.2801, 0.3901, 0.3917

Tritanomaly

68.0439, 0.3576, 0.3449

Monochromacy



Original Color

68.3032, 0.3875, 0.4022

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.2269, 0.3394, 0.3570

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.3032, 0.3875, 0.4022 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(244, 212, 143)` looks like.

```
.text, #text, p{  
    color:rgb(244, 212, 143)  
}
```

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(244, 212, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 212, 143) }
```

Border

The CSS property to change the border of an element to Yxy 68.3032, 0.3875, 0.4022 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(244, 212, 143) }
```

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

```
.border{ border-color:rgb(244, 212, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 212, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 212, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 212, 143);  
box-shadow:4px 4px 4px 4px rgb(244, 212,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 68.3032, 0.3875, 0.4022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 212, 143) }
```

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

```
.background{ background-color: rgb(244,  
212, 143) }
```

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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