

Converting Colors

$Yxy(69.9629, 0.4070, 0.4389)$

Have a look what the booklet for
Yxy(69.9629, 0.4070, 0.4389)
contains.

Yxy(69.9629, 0.4070, 0.4389)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(69.9629, 0.4070, 0.4389)

Conversions

Conversions Part 1

Format	Color
Hex	F4D96D
RGB	244, 217, 109
RGB Percent	96%, 85%, 43%
CMY	0.0432, 0.1490, 0.5724
CMYK	0.00, 0.11, 0.55, 0.04
HSL	48°, 86%, 69%
HSV	48°, 55%, 96%
XYZ	64.8779, 69.9629, 24.5643
YIQ	212.7610, 50.7600, -27.8640

Conversions

Conversions Part 2

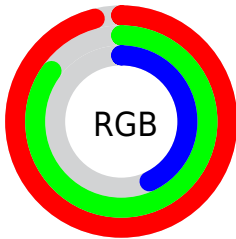
Format	Color
RYB	143, 244, 109
Decimal	16046445
CIELab	86.98, -3.63, 55.80
CIELCh	87, 55.915, 93.726
Yxy	69.9629, 0.4070, 0.4389
Android (android.graphics.Color)	4294236525 (0xFFF4D96D)
YUV	212.7610, -51.1542, 27.3966
Hunter-Lab	83.6438, -7.9242, 41.1385

Details

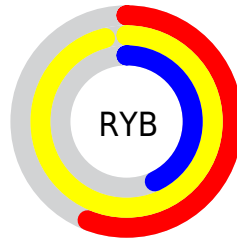
The Yxy color **69.9629, 0.4070, 0.4389** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **27.3959, 0.2124, 0.1851**, and the grayscale version is **66.6975, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.4243, 0.3672, 0.4191**, and **36.4405, 0.4254, 0.4608** is the 20% darker color. If you saturate the color by 10%, you get **67.0345, 0.4232, 0.4538**, and if you desaturate by 10%, it is **73.1180, 0.3896, 0.4210**.

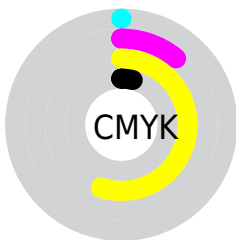
Distribution



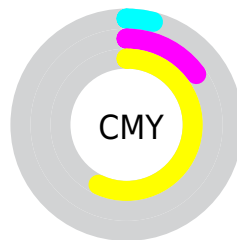
- Red (96%)
- Green (85%)
- Blue (43%)



- Red (56%)
- Yellow (96%)
- Blue (43%)



- Cyan (0%)
- Magenta (11%)
- Yellow (55%)
- Black (4%)




- Cyan (4%)
- Magenta (15%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.9629, 0.4070, 0.4389 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 69.9629, 0.4070, 0.4389 by changing the saturation by 10% instead.


 69.9629, 0.4070,
0.4389


 69.9629, 0.4070,
0.4389


460.4197, 0.3656,
0.3897

 51.4963, 0.4154,
0.4491


 119.1558, 0.3934,
0.4225


 36.6037, 0.4250,
0.4611


 150.6510, 0.3879,
0.4159

 24.9008, 0.4359,
0.4749


 187.2577, 0.3830,
0.4102

 16.0032, 0.4479,
0.4907

 229.3605, 0.3787,
0.4051

 9.5264, 0.4612,
0.5091

277.3437, 0.3749,
0.4006

 5.0861, 0.4725,
0.5275

331.5917, 0.3715,

 2.2979, 0.4679,

0.3966

0.5321

392.4889, 0.3684,
0.3930

■ 0.7726, 0.4552,
0.5448

■ 0.0000, 0.0000,
0.0000

■ 69.9629, 0.4070,
0.4389

■ 69.9629, 0.4070,
0.4389

■ 67.0345, 0.4232,
0.4538

■ 73.1180, 0.3896,
0.4210

■ 64.3098, 0.4373,
0.4649


■ 76.5015, 0.3717,
0.4012


■ 61.7772, 0.4488,
0.4713

■ 80.1272, 0.3539,
0.3805


■ 59.4180, 0.4572,
0.4729

■ 84.0049, 0.3368,
0.3597

 58.3577, 0.4605,
0.4726

 88.1436, 0.3208,
0.3394

 92.5240, 0.3061,
0.3205

 95.5337, 0.3060,
0.3252

 97.9694, 0.3060,
0.3290

Harmonies

Analogous

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



69.9629, 0.4437, 0.3967



69.9629, 0.4070, 0.4389



69.9629, 0.3472, 0.4540

Triad

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



69.9629, 0.4070, 0.4389



69.9629, 0.1978, 0.2901



69.9629, 0.3342, 0.2550

Complementary

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



69.9629, 0.4070, 0.4389



27.3959, 0.2124, 0.1851

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.



69.9629, 0.2675, 0.2298



69.9629, 0.4070, 0.4389



69.9629, 0.1953, 0.2441

Square

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



69.9629, 0.4070, 0.4389



69.9629, 0.2275, 0.3581



69.9629, 0.2191, 0.2249



69.9629, 0.4012, 0.2959

Rectangle

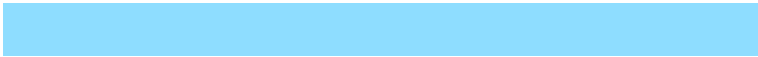
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.9629, 0.4070, 0.4389



69.9629, 0.3029, 0.4394



69.9629, 0.2191, 0.2249



69.9629, 0.3107, 0.2446

Sweetspot

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



69.9662, 0.4070, 0.4389



92.1121, 0.3397, 0.3633



31.9545, 0.4448, 0.3010



19.5282, 0.3431, 0.3675



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.



69.9662, 0.4070, 0.4389



73.8489, 0.4245, 0.4549



78.5605, 0.3630, 0.4764



18.7179, 0.3273, 0.3478



31.9361, 0.4597, 0.4732



2.9465, 0.4537, 0.4780

Inverse Universe

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



27.3959, 0.2124, 0.1851



22.7456, 0.1928, 0.1527



23.9161, 0.2339, 0.1632



16.4629, 0.2979, 0.3095



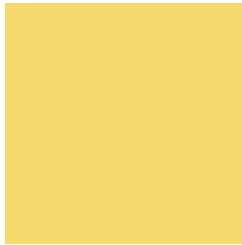
4.8873, 0.1555, 0.0796



0.5684, 0.1614, 0.1010

Previews

White Background



This preview shows how the Yxy color 69.9629, 0.4070, 0.4389 looks on a white background.

Color Contrast Check

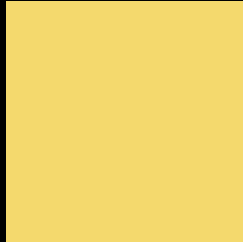
Large Text (above 18pt) WCAG AA × Fail

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 69.9629, 0.4070, 0.4389 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 69.9629, 0.4070, 0.4389

Background



This preview shows how black text looks on a background with the Yxy color 69.9629, 0.4070, 0.4389.

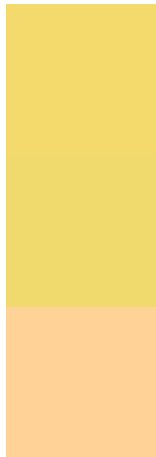


This preview shows how white text looks on a background with the Yxy color 69.9629, 0.4070, 0.4389.

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

69.9629, 0.4070, 0.4389

Protanopia

69.9477, 0.4041, 0.4409

Deuteranopia

70.0829, 0.3910, 0.3908



Tritanopia

69.9539, 0.3388, 0.3128

Trichromacy



Original Color

69.9629, 0.4070, 0.4389

Protanomaly

70.1242, 0.4049, 0.4405

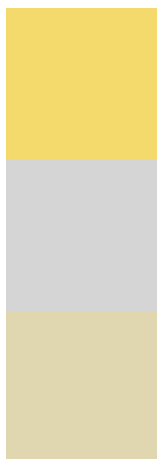
Deuteranomaly

69.8753, 0.3976, 0.4084

Tritanomaly

69.2202, 0.3660, 0.3596

Monochromacy



Original Color

69.9629, 0.4070, 0.4389

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

67.0356, 0.3478, 0.3729

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.9629, 0.4070, 0.4389 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, 217, 109)` looks like.

```
.text, #text, p{  
    color:rgb(244, 217, 109)  
}
```

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, 217, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 217, 109) }
```

Border

The CSS property to change the border of an element to Yxy 69.9629, 0.4070, 0.4389 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, 217, 109) }
```

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

```
.border{ border-color:rgb(244, 217, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 217, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 217, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 217, 109);  
box-shadow:4px 4px 4px 4px rgb(244, 217,  
109) }
```


Background

The CSS property to change the background color of an element to Yxy 69.9629, 0.4070, 0.4389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 217, 109) }
```

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

```
.background{ background-color: rgb(244,  
217, 109) }
```

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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