

Converting Colors

$Yxy(72.1469, 0.4091, 0.4399)$

Have a look what the booklet for
Yxy(72.1469, 0.4091, 0.4399)
contains.

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Color

Yxy(72.2470, 0.4085, 0.4400)

Conversions

Conversions Part 1

Format	Color
Hex	F8DC6D
RGB	248, 220, 109
RGB Percent	97%, 86%, 43%
CMY	0.0273, 0.1373, 0.5726
CMYK	0.00, 0.11, 0.56, 0.03
HSL	48°, 91%, 70%
HSV	48°, 56%, 97%
XYZ	67.0748, 72.2470, 24.8760
YIQ	215.7180, 52.3190, -28.5850

Conversions

Conversions Part 2

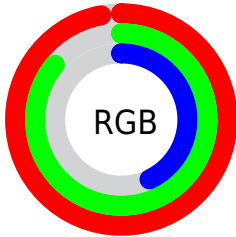
Format	Color
RYB	144, 248, 109
Decimal	16309357
CIELab	88.09, -3.50, 57.20
CIElCh	88, 57.303, 93.500
Yxy	72.2470, 0.4085, 0.4400
Android (android.graphics.Color)	4294499437 (0xFFF8DC6D)
YUV	215.7180, -52.6120, 28.3113
Hunter-Lab	84.9982, -7.8870, 42.1467

Details

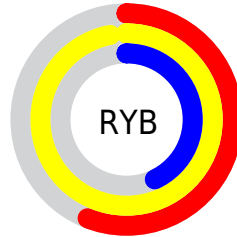
The Yxy color **72.2470, 0.4085, 0.4400** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **27.9337, 0.2110, 0.1830**, and the grayscale version is **68.8099, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.4243, 0.3672, 0.4191**, and **38.0146, 0.4267, 0.4614** is the 20% darker color. If you saturate the color by 10%, you get **69.2026, 0.4246, 0.4546**, and if you desaturate by 10%, it is **75.5275, 0.3911, 0.4223**.

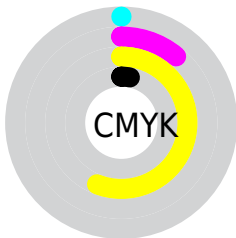
Distribution



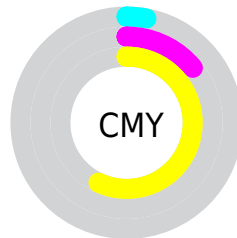
- Red (97%)
- Green (86%)
- Blue (43%)



- Red (56%)
- Yellow (97%)
- Blue (43%)



- Cyan (0%)
- Magenta (11%)
- Yellow (56%)
- Black (3%)





- Cyan (3%)
- Magenta (14%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.2470, 0.4085, 0.4400 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 72.2470, 0.4085, 0.4400 by changing the saturation by 10% instead.


 72.2470, 0.4085,
0.4400


 72.2470, 0.4085,
0.4400


468.4009, 0.3668,
0.3908

 53.3605, 0.4169,
0.4501


 122.4076, 0.3949,
0.4237


 38.0906, 0.4264,
0.4619


 154.4505, 0.3893,
0.4171

 26.0530, 0.4373,
0.4755


 191.6477, 0.3844,
0.4113

 16.8633, 0.4491,
0.4909

 234.3835, 0.3800,
0.4062

 10.1371, 0.4618,
0.5085

283.0423, 0.3762,
0.4017

 5.4899, 0.4734,
0.5266

338.0085, 0.3727,

 2.5375, 0.4693,

0.3977

0.5307

399.6666, 0.3696,
0.3940

■ 0.8953, 0.4609,
0.5391

■ 0.0000, 0.0000,
0.0000

■ 72.2470, 0.4085,
0.4400

■ 72.2470, 0.4085,
0.4400

■ 69.2026, 0.4246,
0.4546

■ 75.5275, 0.3911,
0.4223

■ 66.3703, 0.4386,
0.4653


■ 79.0461, 0.3731,
0.4027


■ 63.7376, 0.4499,
0.4713


■ 82.8172, 0.3553,
0.3820


■ 61.2850, 0.4582,
0.4725

■ 86.8511, 0.3381,
0.3612

 60.3557, 0.4610,
0.4722

 91.1571, 0.3219,
0.3409

 95.5614, 0.3086,
0.3242

 98.7034, 0.3084,
0.3290

Harmonies

Analogous

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



72.2470, 0.4456, 0.3970



72.2470, 0.4085, 0.4400



72.2470, 0.3480, 0.4559

Triad

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



72.2470, 0.4085, 0.4400



72.2470, 0.1965, 0.2899



72.2470, 0.3339, 0.2539

Complementary

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



72.2470, 0.4085, 0.4400



27.9337, 0.2110, 0.1830

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.



72.2470, 0.2664, 0.2285



72.2470, 0.4085, 0.4400



72.2470, 0.1939, 0.2432

Square

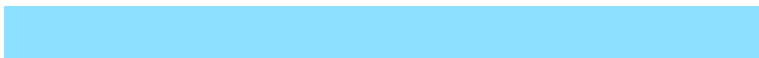
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.2470, 0.4085, 0.4400



72.2470, 0.2267, 0.3591



72.2470, 0.2177, 0.2237



72.2470, 0.4020, 0.2951

Rectangle

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



72.2470, 0.4085, 0.4400



72.2470, 0.3031, 0.4414



72.2470, 0.2177, 0.2237



72.2470, 0.3101, 0.2434

Sweetspot

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



72.2504, 0.4085, 0.4400



92.0634, 0.3397, 0.3632



32.7676, 0.4448, 0.2983



19.5166, 0.3431, 0.3674



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.



72.2504, 0.4085, 0.4400



73.3726, 0.4262, 0.4560



81.7655, 0.3652, 0.4775



19.5611, 0.3274, 0.3478



32.7978, 0.4602, 0.4728



3.1831, 0.4543, 0.4774

Inverse Universe

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



27.9337, 0.2110, 0.1830



22.2128, 0.1912, 0.1502



24.0487, 0.2307, 0.1599



17.2099, 0.2979, 0.3095



5.0512, 0.1555, 0.0798



0.6104, 0.1611, 0.1000

Previews

White Background



This preview shows how the Yxy color 72.2470, 0.4085, 0.4400 looks on a white background.

Color Contrast Check

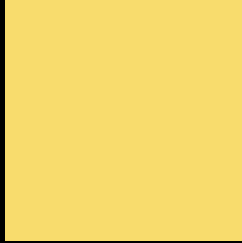
Large Text (above 18pt) WCAG AA × Fail

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 72.2470, 0.4085, 0.4400 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 72.2470, 0.4085, 0.4400

Background



This preview shows how black text looks on a background with the Yxy color 72.2470, 0.4085, 0.4400.

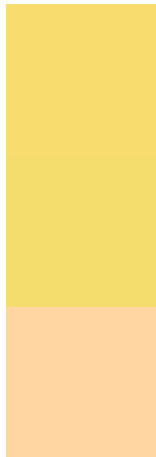


This preview shows how white text looks on a background with the Yxy color 72.2470, 0.4085, 0.4400.

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

72.2470, 0.4085, 0.4400

Protanopia

72.0501, 0.4048, 0.4424

Deuteranopia

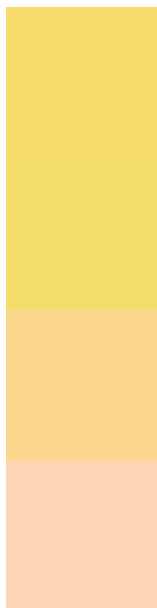
71.9263, 0.3826, 0.3837



Tritanopia

72.1886, 0.3375, 0.3149

Trichromacy



Original Color

72.2470, 0.4085, 0.4400

Protanomaly

72.2295, 0.4055, 0.4420

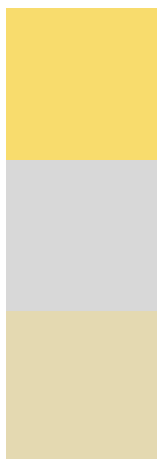
Deuteranomaly

71.7602, 0.3929, 0.4052

Tritanomaly

71.6613, 0.3650, 0.3613

Monochromacy



Original Color

72.2470, 0.4085, 0.4400

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

69.2940, 0.3488, 0.3734

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.2470, 0.4085, 0.4400 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(248, 220, 109)` looks like.

```
.text, #text, p{  
    color:rgb(248, 220, 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(248, 220, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 220, 109) }
```

Border

The CSS property to change the border of an element to Yxy 72.2470, 0.4085, 0.4400 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(248, 220, 109) }
```

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

```
.border{ border-color:rgb(248, 220, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 220, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 220, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 220, 109);  
box-shadow:4px 4px 4px 4px rgb(248, 220,  
109) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 72.2470, 0.4085, 0.4400$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 220, 109) }
```

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

```
.background{ background-color: rgb(248,  
220, 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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