

Converting Colors

$Yxy(72.8474, 0.4048, 0.4356)$

Have a look what the booklet for
Yxy(72.8474, 0.4048, 0.4356)
contains.

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Color

Yxy(72.9072, 0.4044, 0.4358)

Conversions

Conversions Part 1

Format	Color
Hex	F8DD73
RGB	248, 221, 115
RGB Percent	97%, 87%, 45%
CMY	0.0276, 0.1333, 0.5489
CMYK	0.00, 0.11, 0.54, 0.03
HSL	48°, 90%, 71%
HSV	48°, 54%, 97%
XYZ	67.6541, 72.9072, 26.7338
YIQ	216.9890, 50.1180, -27.2420

Conversions

Conversions Part 2

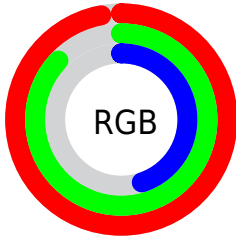
Format	Color
RYB	149, 248, 115
Decimal	16309619
CIELab	88.40, -3.58, 54.77
CIELCh	88, 54.887, 93.743
Yxy	72.9072, 0.4044, 0.4358
Android (android.graphics.Color)	4294499699 (0xFFF8DD73)
YUV	216.9890, -50.2806, 27.1966
Hunter-Lab	85.3857, -7.9931, 41.2067

Details

The Yxy color **72.9072, 0.4044, 0.4358** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **29.7599, 0.2156, 0.1905**, and the grayscale version is **69.7067, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.6446, 0.3638, 0.4134**, and **38.4391, 0.4223, 0.4574** is the 20% darker color. If you saturate the color by 10%, you get **69.7994, 0.4209, 0.4513**, and if you desaturate by 10%, it is **76.2548, 0.3867, 0.4176**.

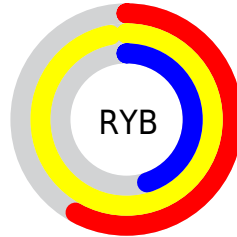
Distribution



Red (97%)

Green (87%)

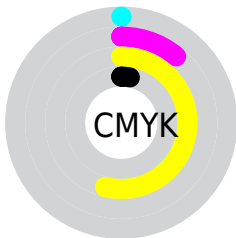
Blue (45%)



Red (58%)

Yellow (97%)

Blue (45%)

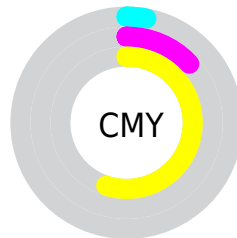


Cyan (0%)

Magenta (11%)

Yellow (54%)

Black (3%)



Cyan (3%)


Magenta (13%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.9072, 0.4044, 0.4358 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 72.9072, 0.4044, 0.4358 by changing the saturation by 10% instead.


 72.9072, 0.4044,
0.4358


 72.9072, 0.4044,
0.4358


470.6931, 0.3643,
0.3882

 53.9001, 0.4125,
0.4457


 123.3455, 0.3912,
0.4200

 38.5218, 0.4219,
0.4573


 155.5454, 0.3859,
0.4136

 26.3879, 0.4327,
0.4708


 192.9117, 0.3811,
0.4080

 17.1141, 0.4447,
0.4864

235.8288, 0.3770,
0.4031

 10.3159, 0.4572,
0.5037

284.6811, 0.3733,
0.3987

 5.6089, 0.4732,
0.5268

339.8530, 0.3700,

 2.6087, 0.4690,

0.3949

0.5310

401.7289, 0.3670,
0.3914

■ 0.9311, 0.4611,
0.5389

■ 0.0000, 0.0000,
0.0000

■ 72.9072, 0.4044,
0.4358

■ 72.9072, 0.4044,
0.4358

■ 69.7994, 0.4209,
0.4513

■ 76.2548, 0.3867,
0.4176

■ 66.9079, 0.4356,
0.4630

■ 79.8438, 0.3687,
0.3976

■ 64.2208, 0.4476,
0.4701

■ 83.6886, 0.3510,
0.3769

■ 61.7196, 0.4567,
0.4725

■ 87.7990, 0.3341,
0.3562

60.2019, 0.4612,
0.4720

92.1846, 0.3182,
0.3360

96.2737, 0.3085,
0.3253

98.6899, 0.3084,
0.3290

Harmonies

Analogous

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



72.9072, 0.4398, 0.3952



72.9072, 0.4044, 0.4358



72.9072, 0.3464, 0.4499

Triad

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



72.9072, 0.4044, 0.4358



72.9072, 0.2010, 0.2915



72.9072, 0.3337, 0.2571

Complementary

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



72.9072, 0.4044, 0.4358



29.7599, 0.2156, 0.1905

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.



72.9072, 0.2690, 0.2325



72.9072, 0.4044, 0.4358



72.9072, 0.1985, 0.2467

Square

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



72.9072, 0.4044, 0.4358



72.9072, 0.2301, 0.3573



72.9072, 0.2218, 0.2278



72.9072, 0.3985, 0.2970

Rectangle

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



72.9072, 0.4044, 0.4358



72.9072, 0.3034, 0.4355



72.9072, 0.2218, 0.2278



72.9072, 0.3110, 0.2469

Sweetspot

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



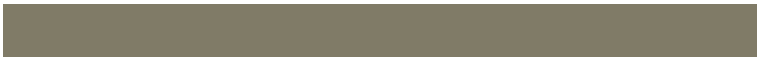
72.9106, 0.4044, 0.4358



92.4817, 0.3381, 0.3611



34.2260, 0.4359, 0.2992



19.5996, 0.3415, 0.3654



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.



72.9106, 0.4044, 0.4358



74.2290, 0.4217, 0.4519



82.0966, 0.3636, 0.4714



19.5580, 0.3274, 0.3478



32.7373, 0.4604, 0.4726



3.1780, 0.4545, 0.4773

Inverse Universe

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



29.7599, 0.2156, 0.1905



24.1220, 0.1963, 0.1591



25.7852, 0.2351, 0.1677



17.2127, 0.2979, 0.3095



5.0633, 0.1555, 0.0799



0.6120, 0.1612, 0.1002

Previews

White Background



This preview shows how the Yxy color 72.9072, 0.4044, 0.4358 looks on a white background.

Color Contrast Check

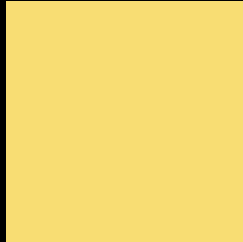
Large Text (above 18pt) WCAG AA × Fail

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 72.9072, 0.4044, 0.4358 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 72.9072, 0.4044, 0.4358

Background



This preview shows how black text looks on a background with the Yxy color 72.9072, 0.4044, 0.4358.

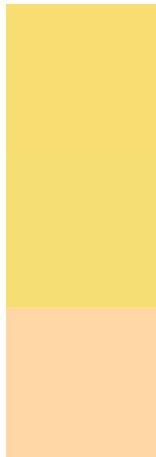


This preview shows how white text looks on a background with the Yxy color 72.9072, 0.4044, 0.4358.

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

72.9072, 0.4044, 0.4358

Protanopia

72.8928, 0.4016, 0.4377

Deuteranopia

72.5775, 0.3793, 0.3806



Tritanopia

72.7894, 0.3359, 0.3140

Trichromacy



Original Color

72.9072, 0.4044, 0.4358

Protanomaly

73.0732, 0.4023, 0.4374

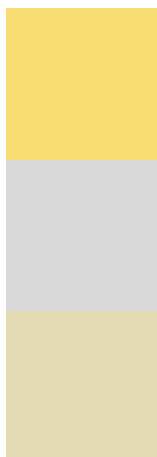
Deuteranomaly

72.4277, 0.3890, 0.4012

Tritanomaly

72.2914, 0.3625, 0.3592

Monochromacy



Original Color

72.9072, 0.4044, 0.4358

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

69.9321, 0.3465, 0.3710

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.9072, 0.4044, 0.4358 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, 221, 115)` looks like.

```
.text, #text, p{  
    color:rgb(248, 221, 115)  
}
```

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, 221, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 221, 115) }
```

Border

The CSS property to change the border of an element to Yxy 72.9072, 0.4044, 0.4358 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, 221, 115) }
```

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

```
.border{ border-color:rgb(248, 221, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 221, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(248, 221, 115); -webkit-box-shadow:4px 4px 4px 4px rgb(248, 221, 115); box-shadow:4px 4px 4px 4px rgb(248, 221, 115) }
```


Background

The CSS property to change the background color of an element to Yxy 72.9072, 0.4044, 0.4358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 221, 115) }
```

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

```
.background{ background-color: rgb(248,  
221, 115) }
```

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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