

Converting Colors

$Y_{xy}(73.0675, 0.4058, 0.4363)$

Have a look what the booklet for
Yxy(73.0675, 0.4058, 0.4363)
contains.

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Color

Yxy(73.0675, 0.4058, 0.4363)

Conversions

Conversions Part 1

Format	Color
Hex	F9DD72
RGB	249, 221, 114
RGB Percent	98%, 87%, 45%
CMY	0.0236, 0.1333, 0.5529
CMYK	0.00, 0.11, 0.54, 0.02
HSL	48°, 92%, 71%
HSV	48°, 54%, 98%
XYZ	67.9596, 73.0675, 26.4436
YIQ	217.1740, 51.0350, -27.3410

Conversions

Conversions Part 2

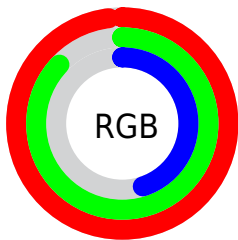
Format	Color
R _Y B	149, 249, 114
Decimal	16375154
CIE Lab	88.48, -3.24, 55.36
CIE LCh	88, 55.451, 93.351
Yxy	73.0675, 0.4058, 0.4363
Android (android.graphics.Color)	4294565234 (0xFFF9DD72)
YUV	217.1740, -50.8648, 27.9114
Hunter-Lab	85.4795, -7.6745, 41.4939

Details

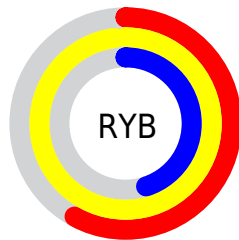
The Yxy color **73.0675, 0.4058, 0.4363** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **29.7627, 0.2146, 0.1895**, and the grayscale version is **69.8452, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.6072, 0.3643, 0.4143**, and **38.5565, 0.4239, 0.4577** is the 20% darker color. If you saturate the color by 10%, you get **69.8944, 0.4224, 0.4515**, and if you desaturate by 10%, it is **76.4856, 0.3881, 0.4183**.

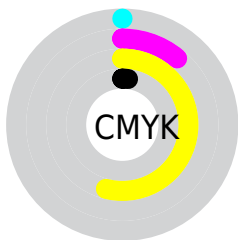
Distribution



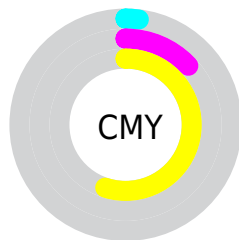
- Red (98%)
- Green (87%)
- Blue (45%)



- Red (58%)
- Yellow (98%)
- Blue (45%)



- Cyan (0%)
- Magenta (11%)
- Yellow (54%)
- Black (2%)





- Cyan (2%)
- Magenta (13%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.0675, 0.4058, 0.4363 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 73.0675, 0.4058, 0.4363 by changing the saturation by 10% instead.


 73.0675, 0.4058,
0.4363


 73.0675, 0.4058,
0.4363


471.2487, 0.3651,
0.3886

 54.0312, 0.4140,
0.4462


 123.5730, 0.3924,
0.4205

 38.6266, 0.4235,
0.4577


 155.8110, 0.3870,
0.4141

 26.4693, 0.4344,
0.4711


 193.2183, 0.3822,
0.4085

 17.1751, 0.4464,
0.4865

236.1794, 0.3780,
0.4036

 10.3594, 0.4591,
0.5036

285.0785, 0.3742,
0.3992

 5.6379, 0.4745,
0.5255

340.3002, 0.3709,

 2.6262, 0.4708,

0.3953

0.5292

402.2288, 0.3678,
0.3918

■ 0.9398, 0.4639,
0.5361

■ 0.0000, 0.0000,
0.0000

■ 73.0675, 0.4058,
0.4363

■ 73.0675, 0.4058,
0.4363

■ 69.8944, 0.4224,
0.4515

■ 76.4856, 0.3881,
0.4183

■ 66.9424, 0.4371,
0.4629


■ 80.1505, 0.3700,
0.3985

■ 64.1993, 0.4491,
0.4697


■ 84.0768, 0.3521,
0.3779

■ 61.6461, 0.4582,
0.4716

■ 88.2746, 0.3351,
0.3572

 60.2392, 0.4623,
0.4711

 92.7534, 0.3191,
0.3372

 96.9688, 0.3091,
0.3261

 98.8787, 0.3090,
0.3290

Harmonies

Analogous

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



73.0675, 0.4412, 0.3950



73.0675, 0.4058, 0.4363



73.0675, 0.3475, 0.4511

Triad

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



73.0675, 0.4058, 0.4363



73.0675, 0.2003, 0.2918



73.0675, 0.3329, 0.2561

Complementary

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



73.0675, 0.4058, 0.4363



29.7627, 0.2146, 0.1895

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.



73.0675, 0.2678, 0.2315



73.0675, 0.4058, 0.4363



73.0675, 0.1975, 0.2464

Square

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



73.0675, 0.4058, 0.4363



73.0675, 0.2299, 0.3584



73.0675, 0.2205, 0.2271



73.0675, 0.3985, 0.2961

Rectangle

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



73.0675, 0.4058, 0.4363



73.0675, 0.3041, 0.4371



73.0675, 0.2205, 0.2271



73.0675, 0.3100, 0.2459

Sweetspot

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



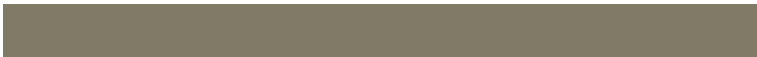
73.0709, 0.4058, 0.4363



92.3663, 0.3381, 0.3609



34.1669, 0.4381, 0.2990



19.5719, 0.3416, 0.3652



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.



73.0709, 0.4058, 0.4363



73.5055, 0.4238, 0.4527



82.7750, 0.3640, 0.4729



19.5437, 0.3274, 0.3477



32.4581, 0.4615, 0.4718



3.1544, 0.4555, 0.4766

Inverse Universe

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



29.7627, 0.2146, 0.1895



23.6754, 0.1948, 0.1571



25.5766, 0.2340, 0.1657



17.2259, 0.2979, 0.3096



5.1203, 0.1558, 0.0807



0.6190, 0.1615, 0.1012

Previews

White Background



This preview shows how the Yxy color 73.0675, 0.4058, 0.4363 looks on a white background.

Color Contrast Check

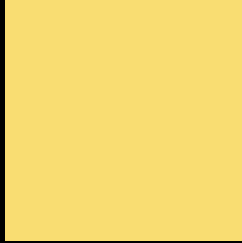
Large Text (above 18pt) WCAG AA × Fail

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 73.0675, 0.4058, 0.4363 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 73.0675, 0.4058, 0.4363

Background



This preview shows how black text looks on a background with the Yxy color 73.0675, 0.4058, 0.4363.



This preview shows how white text looks on a background with the Yxy color 73.0675, 0.4058, 0.4363.

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

73.0675, 0.4058, 0.4363

Protanopia

72.8699, 0.4021, 0.4386

Deuteranopia

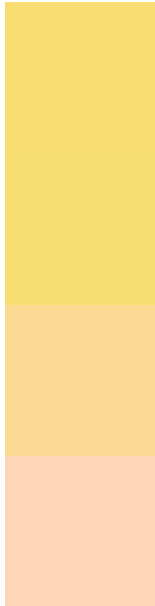
73.1249, 0.3782, 0.3805



Tritanopia

72.7350, 0.3366, 0.3150

Trichromacy



Original Color

73.0675, 0.4058, 0.4363

Protanomaly

73.0503, 0.4029, 0.4382

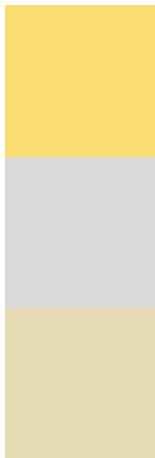
Deuteranomaly

73.1320, 0.3893, 0.4019

Tritanomaly

72.4365, 0.3640, 0.3602

Monochromacy



Original Color

73.0675, 0.4058, 0.4363

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

70.0961, 0.3473, 0.3709

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.0675, 0.4058, 0.4363 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(249, 221, 114)` looks like.

```
.text, #text, p{  
    color:rgb(249, 221, 114)  
}
```

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(249, 221, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 221, 114) }
```

Border

The CSS property to change the border of an element to Yxy 73.0675, 0.4058, 0.4363 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(249, 221, 114) }
```

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

```
.border{ border-color:rgb(249, 221, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 221, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 221, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 221, 114);  
box-shadow:4px 4px 4px 4px rgb(249, 221,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 73.0675, 0.4058, 0.4363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 221, 114) }
```

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

```
.background{ background-color: rgb(249,  
221, 114) }
```

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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