

Converting Colors

$Y_{xy}(71.4675, 0.3950, 0.4060)$

Have a look what the booklet for
Yxy(71.4675, 0.3950, 0.4060)
contains.

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Color

Yxy(71.3770, 0.3955, 0.4059)

Conversions

Conversions Part 1

Format	Color
Hex	FDD78C
RGB	253, 215, 140
RGB Percent	99%, 84%, 55%
CMY	0.0078, 0.1569, 0.4510
CMYK	0.00, 0.15, 0.45, 0.01
HSL	40°, 97%, 77%
HSV	40°, 45%, 99%
XYZ	69.5482, 71.3770, 34.9236
YIQ	217.8120, 46.7230, -15.2690

Conversions

Conversions Part 2

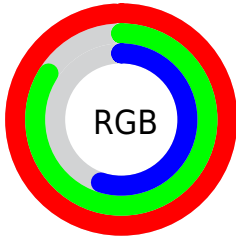
Format	Color
R _Y B	197, 253, 140
Decimal	16635788
CIE Lab	87.67, 3.72, 41.83
CIE LCh	88, 41.998, 84.924
Yxy	71.3770, 0.3955, 0.4059
Android (android.graphics.Color)	4294825868 (0xFFFD78C)
YUV	217.8120, -38.3613, 30.8599
Hunter-Lab	84.4849, -0.9070, 34.6307

Details

The Yxy color **71.3770, 0.3955, 0.4059** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **44.5212, 0.2363, 0.2366**, and the grayscale version is **70.2234, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.6750, 0.3490, 0.3890**, and **37.3155, 0.4138, 0.4221** is the 20% darker color. If you saturate the color by 10%, you get **66.4945, 0.4169, 0.4215**, and if you desaturate by 10%, it is **76.6634, 0.3746, 0.3888**.

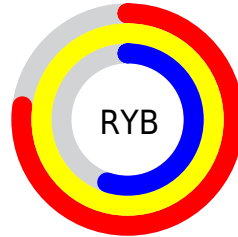
Distribution



Red (99%)

Green (84%)

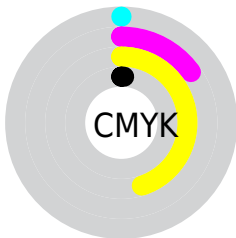
Blue (55%)



Red (77%)

Yellow (99%)

Blue (55%)

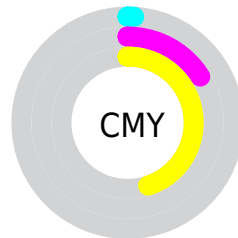


Cyan (0%)

Magenta (15%)

Yellow (45%)

Black (1%)



Cyan (1%)


Magenta (16%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.3770, 0.3955, 0.4059 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 71.3770, 0.3955, 0.4059 by changing the saturation by 10% instead.

 71.3770, 0.3955,
0.4059

 71.3770, 0.3955,
0.4059


465.3703, 0.3578,
0.3715


 52.6499, 0.4037,
0.4132


 121.1704, 0.3827,
0.3943

 37.5234, 0.4136,
0.4220


 153.0055, 0.3776,
0.3897

 25.6130, 0.4256,
0.4324


 189.9787, 0.3732,
0.3857

 16.5343, 0.4403,
0.4449

232.4744, 0.3694,
0.3822

 9.9030, 0.4582,
0.4595

280.8770, 0.3660,
0.3790

 5.3347, 0.4834,
0.4797

335.5709, 0.3629,

 2.4450, 0.5063,

0.3762

0.4937

396.9405, 0.3602,
0.3737

0.8489, 0.5143,
0.4857

0.0000, 0.0000,
0.0000

71.3770, 0.3955,
0.4059

71.3770, 0.3955,
0.4059

66.4945, 0.4169,
0.4215

76.6634, 0.3746,
0.3888

61.9906, 0.4381,
0.4343

82.3577, 0.3548,
0.3711

57.8516, 0.4579,
0.4434

88.4765, 0.3365,
0.3536

54.0583, 0.4753,
0.4476

95.0320, 0.3199,
0.3366

■ 50.5880, 0.4894,
0.4467

99.6267, 0.3115,
0.3290

■ 48.8532, 0.4959,
0.4445

Harmonies

Analogous

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



71.3770, 0.4142, 0.3722



71.3770, 0.3955, 0.4059



71.3770, 0.3549, 0.4215

Triad

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



71.3770, 0.3955, 0.4059



71.3770, 0.2293, 0.3152



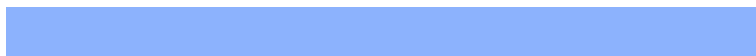
71.3770, 0.3141, 0.2646

Complementary

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



71.3770, 0.3955, 0.4059



44.5212, 0.2363, 0.2366

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.



71.3770, 0.2662, 0.2493



71.3770, 0.3955, 0.4059



71.3770, 0.2204, 0.2740

Square

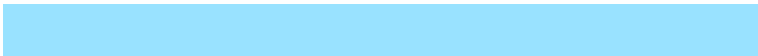
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.3770, 0.3955, 0.4059



71.3770, 0.2592, 0.3663



71.3770, 0.2333, 0.2517



71.3770, 0.3655, 0.2940

Rectangle

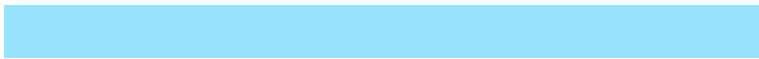
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.3770, 0.3955, 0.4059



71.3770, 0.3217, 0.4159



71.3770, 0.2333, 0.2517



71.3770, 0.2970, 0.2577

Sweetspot

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



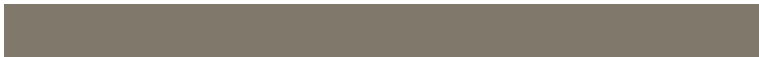
71.3804, 0.3955, 0.4059



91.1352, 0.3337, 0.3507



42.9218, 0.3894, 0.2877



19.2007, 0.3375, 0.3545



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.



71.3804, 0.3955, 0.4059



67.9917, 0.4156, 0.4205



90.0026, 0.3674, 0.4439



20.0007, 0.3278, 0.3447



26.2632, 0.4943, 0.4457



2.7591, 0.4835, 0.4543

Inverse Universe

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



44.5212, 0.2363, 0.2366



37.4406, 0.2197, 0.2129



33.0147, 0.2396, 0.1929



18.3764, 0.2979, 0.3128



7.4783, 0.1634, 0.1083



0.9203, 0.1696, 0.1307

Previews

White Background



This preview shows how the Yxy color 71.3770, 0.3955, 0.4059 looks on a white background.

Color Contrast Check

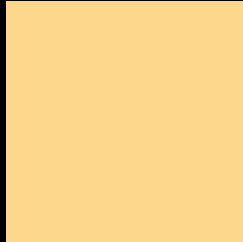
Large Text (above 18pt) WCAG AA × Fail

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 71.3770, 0.3955, 0.4059 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 71.3770, 0.3955, 0.4059

Background



This preview shows how black text looks on a background with the Yxy color 71.3770, 0.3955, 0.4059.



This preview shows how white text looks on a background with the Yxy color 71.3770, 0.3955, 0.4059.

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

71.3770, 0.3955, 0.4059

Protanopia

71.4901, 0.3809, 0.4121

Deuteranopia

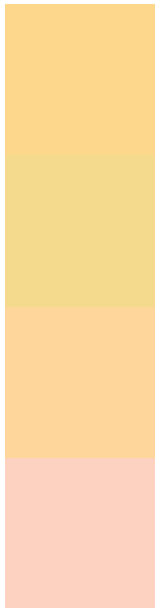
71.5288, 0.3807, 0.3796



Tritanopia

71.1061, 0.3392, 0.3149

Trichromacy



Original Color

71.3770, 0.3955, 0.4059

Protanomaly

71.2990, 0.3863, 0.4100

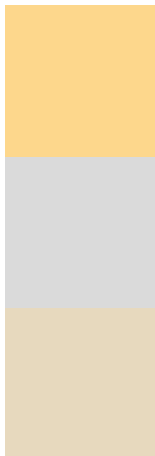
Deuteranomaly

71.5305, 0.3861, 0.3899

Tritanomaly

70.9698, 0.3598, 0.3477

Monochromacy



Original Color

71.3770, 0.3955, 0.4059

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.3323, 0.3419, 0.3586

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.3770, 0.3955, 0.4059 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(253, 215, 140)` looks like.

```
.text, #text, p{  
    color:rgb(253, 215, 140)  
}
```

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(253, 215, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 215, 140) }
```

Border

The CSS property to change the border of an element to Yxy 71.3770, 0.3955, 0.4059 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(253, 215, 140) }
```

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

```
.border{ border-color:rgb(253, 215, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 215, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 215, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 215, 140);  
box-shadow:4px 4px 4px 4px rgb(253, 215,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 71.3770, 0.3955, 0.4059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 215, 140) }
```

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

```
.background{ background-color: rgb(253,  
215, 140) }
```

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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