

Converting Colors

$Y_{xy}(74.6330, 0.3758, 0.4048)$

Have a look what the booklet for
Yxy(74.6330, 0.3758, 0.4048)
contains.

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Color

Yxy(74.6330, 0.3758, 0.4048)

Conversions

Conversions Part 1

Format	Color
Hex	F3E098
RGB	243, 224, 152
RGB Percent	95%, 88%, 60%
CMY	0.0470, 0.1216, 0.4040
CMYK	0.00, 0.08, 0.37, 0.05
HSL	47°, 79%, 77%
HSV	47°, 37%, 95%
XYZ	69.2863, 74.6330, 40.4508
YIQ	221.4730, 34.4360, -18.3640

Conversions

Conversions Part 2

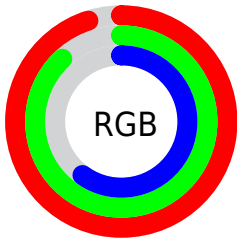
Format	Color
R _Y B	176, 243, 152
Decimal	15982744
CIE Lab	89.22, -3.54, 37.64
CIE LCh	89, 37.806, 95.380
Yxy	74.6330, 0.3758, 0.4048
Android (android.graphics.Color)	4294172824 (0xFF3E098)
YUV	221.4730, -34.2502, 18.8792
Hunter-Lab	86.3904, -8.0238, 32.7118

Details

The Yxy color **74.6330, 0.3758, 0.4048** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **42.2659, 0.2474, 0.2393**, and the grayscale version is **72.8853, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2850, 0.3412, 0.3760**, and **39.7351, 0.3897, 0.4215** is the 20% darker color. If you saturate the color by 10%, you get **71.2335, 0.3939, 0.4241**, and if you desaturate by 10%, it is **78.2839, 0.3578, 0.3844**.

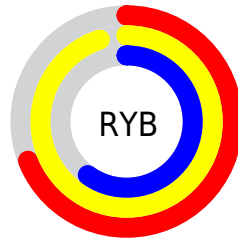
Distribution



Red (95%)

Green (88%)

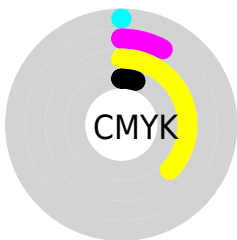
Blue (60%)



Red (69%)

Yellow (95%)

Blue (60%)

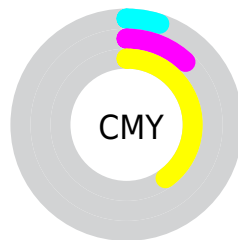


Cyan (0%)

Magenta (8%)

Yellow (37%)

Black (5%)



Cyan (5%)


Magenta (12%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.6330, 0.3758, 0.4048 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 74.6330, 0.3758, 0.4048 by changing the saturation by 10% instead.


 74.6330, 0.3758,
0.4048


 74.6330, 0.3758,
0.4048


476.6552, 0.3474,
0.3702

 55.3123, 0.3819,
0.4124

 125.7927, 0.3662,
0.3930

 39.6518, 0.3893,
0.4217


 158.4005, 0.3624,
0.3883

 27.2672, 0.3983,
0.4331


196.2061, 0.3591,
0.3843

 17.7740, 0.4093,
0.4473

239.5939, 0.3562,
0.3807

 10.7878, 0.4228,
0.4653

288.9484, 0.3536,
0.3776

 5.9244, 0.4388,
0.4878

344.6538, 0.3513,

 2.7991, 0.4696,

0.3749

0.5304

407.0946, 0.3493,
0.3724

■ 1.0278, 0.4625,
0.5375

■ 0.0000, 0.0000,
0.0000

■ 74.6330, 0.3758,
0.4048

■ 74.6330, 0.3758,
0.4048

■ 71.2335, 0.3939,
0.4241

■ 78.2839, 0.3578,
0.3844

■ 68.0643, 0.4113,
0.4413


■ 82.1857, 0.3405,
0.3638

■ 65.1170, 0.4275,
0.4554

■ 86.3511, 0.3241,
0.3436


■ 62.3783, 0.4414,
0.4653


■ 90.7886, 0.3090,
0.3242

 59.8325, 0.4526,
0.4705

 94.2578, 0.3055,
0.3235

 57.4594, 0.4608,
0.4711

 97.4430, 0.3054,
0.3284

 56.8760, 0.4626,
0.4709

 97.7963, 0.3054,
0.3290

Harmonies

Analogous

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



74.6330, 0.3999, 0.3798



74.6330, 0.3758, 0.4048



74.6330, 0.3355, 0.4095

Triad

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



74.6330, 0.3758, 0.4048



74.6330, 0.2331, 0.3028



74.6330, 0.3304, 0.2792

Complementary

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



74.6330, 0.3758, 0.4048



42.2659, 0.2474, 0.2393

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.



74.6330, 0.2852, 0.2605



74.6330, 0.3758, 0.4048



74.6330, 0.2318, 0.2712

Square

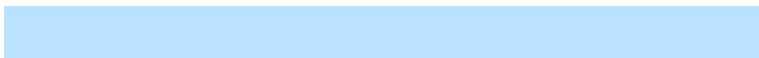
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.6330, 0.3758, 0.4048



74.6330, 0.2539, 0.3464



74.6330, 0.2501, 0.2571



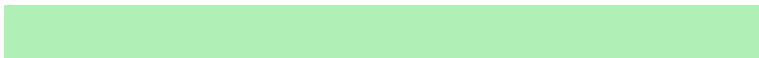
74.6330, 0.3734, 0.3093

Rectangle

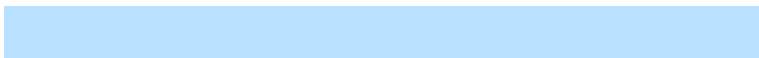
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.6330, 0.3758, 0.4048



74.6330, 0.3055, 0.3978



74.6330, 0.2501, 0.2571



74.6330, 0.3149, 0.2715

Sweetspot

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



74.6364, 0.3758, 0.4048



94.6436, 0.3299, 0.3507



44.4741, 0.3845, 0.3075



20.1218, 0.3321, 0.3534



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.



74.6364, 0.3758, 0.4048



80.3366, 0.3897, 0.4197



81.1581, 0.3505, 0.4285



18.6917, 0.3274, 0.3476



31.4144, 0.4618, 0.4715



2.9049, 0.4554, 0.4766

Inverse Universe

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



42.2659, 0.2474, 0.2393



39.4424, 0.2324, 0.2171



38.3603, 0.2629, 0.2206



16.4872, 0.2979, 0.3097



4.9937, 0.1559, 0.0811



0.5811, 0.1619, 0.1028

Previews

White Background



This preview shows how the Yxy color 74.6330, 0.3758, 0.4048 looks on a white background.

Color Contrast Check

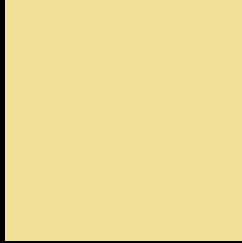
Large Text (above 18pt) WCAG AA × Fail

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 74.6330, 0.3758, 0.4048 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

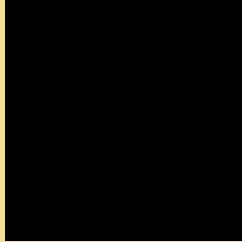
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.6330, 0.3758, 0.4048

Background



This preview shows how black text looks on a background with the Yxy color 74.6330, 0.3758, 0.4048.



This preview shows how white text looks on a background with the Yxy color 74.6330, 0.3758, 0.4048.

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

74.6330, 0.3758, 0.4048

Protanopia

74.6330, 0.3758, 0.4048

Deuteranopia

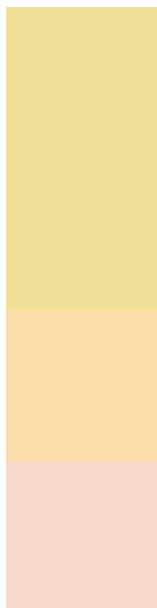
74.6981, 0.3674, 0.3681



Tritanopia

74.5581, 0.3289, 0.3119

Trichromacy



Original Color

74.6330, 0.3758, 0.4048

Protanomaly

74.6330, 0.3758, 0.4048

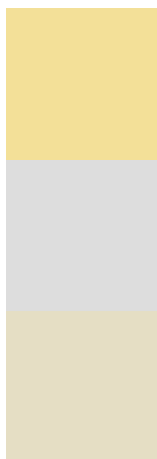
Deuteranomaly

74.5979, 0.3709, 0.3809

Tritanomaly

74.5468, 0.3468, 0.3457

Monochromacy



Original Color

74.6330, 0.3758, 0.4048

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.8861, 0.3353, 0.3573

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.6330, 0.3758, 0.4048 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(243, 224, 152)` looks like.

```
.text, #text, p{  
    color:rgb(243, 224, 152)  
}
```

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(243, 224, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 224, 152) }
```

Border

The CSS property to change the border of an element to Yxy 74.6330, 0.3758, 0.4048 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(243, 224, 152) }
```

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

```
.border{ border-color:rgb(243, 224, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 224, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 224, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 224, 152);  
box-shadow:4px 4px 4px 4px rgb(243, 224,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 74.6330, 0.3758, 0.4048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 224, 152) }
```

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

```
.background{ background-color: rgb(243,  
224, 152) }
```

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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