

Converting Colors

$Y_{xy}(74.6093, 0.3709, 0.4037)$

Have a look what the booklet for
Yxy(74.6093, 0.3709, 0.4037)
contains.

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Color

Yxy(74.5677, 0.3703, 0.4035)

Conversions

Conversions Part 1

Format	Color
Hex	EFE19B
RGB	239, 225, 155
RGB Percent	94%, 88%, 61%
CMY	0.0629, 0.1176, 0.3921
CMYK	0.00, 0.06, 0.35, 0.06
HSL	50°, 72%, 77%
HSV	50°, 35%, 94%
XYZ	68.4323, 74.5677, 41.8023
YIQ	221.2060, 30.8140, -18.8020

Conversions

Conversions Part 2

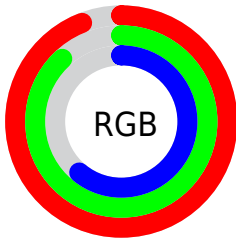
Format	Color
RYB	172, 239, 155
Decimal	15720859
CIELab	89.19, -5.27, 36.00
CIELCh	89, 36.386, 98.325
Yxy	74.5677, 0.3703, 0.4035
Android (android.graphics.Color)	4293910939 (0xFFEFE19B)
YUV	221.2060, -32.6396, 15.6053
Hunter-Lab	86.3526, -9.6603, 31.7452

Details

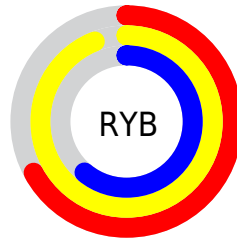
The Yxy color $74.5677, 0.3703, 0.4035$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $41.5667, 0.2513, 0.2413$, and the grayscale version is $72.6766, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.4331, 0.3394, 0.3731$, and $39.6738, 0.3827, 0.4204$ is the 20% darker color. If you saturate the color by 10%, you get $71.7224, 0.3875, 0.4239$, and if you desaturate by 10%, it is $77.6287, 0.3531, 0.3821$.

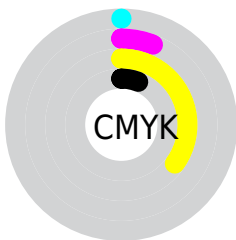
Distribution



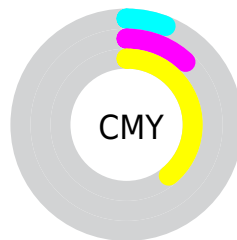
- Red (94%)
- Green (88%)
- Blue (61%)



- Red (67%)
- Yellow (94%)
- Blue (61%)



- Cyan (0%)
- Magenta (6%)
- Yellow (35%)
- Black (6%)



- Cyan (6%)
- Magenta (12%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.5677, 0.3703, 0.4035 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 74.5677, 0.3703, 0.4035 by changing the saturation by 10% instead.


 74.5677, 0.3703,
0.4035

 74.5677, 0.3703,
0.4035


476.4304, 0.3444,
0.3693

 55.2588, 0.3759,
0.4111


 125.7002, 0.3615,
0.3917

 39.6090, 0.3827,
0.4204


 158.2927, 0.3581,
0.3871

 27.2338, 0.3908,
0.4319


196.0817, 0.3550,
0.3831

 17.7489, 0.4009,
0.4465

239.4518, 0.3524,
0.3797

 10.7699, 0.4133,
0.4651

288.7873, 0.3500,
0.3766

 5.9123, 0.4281,
0.4890

344.4727, 0.3480,

 2.7918, 0.4609,

0.3739

0.5391

406.8922, 0.3461,
0.3714

■ 1.0240, 0.4502,
0.5498

■ 0.0000, 0.0000,
0.0000

■ 74.5677, 0.3703,
0.4035

■ 74.5677, 0.3703,
0.4035

■ 71.7224, 0.3875,
0.4239

■ 77.6287, 0.3531,
0.3821

■ 69.0728, 0.4040,
0.4424

■ 80.9041, 0.3363,
0.3605

■ 66.6116, 0.4191,
0.4579

■ 84.4058, 0.3205,
0.3395

■ 64.3267, 0.4321,
0.4694

■ 88.1415, 0.3057,
0.3193

62.2041, 0.4424,
0.4764

90.7982, 0.3030,
0.3190

60.2266, 0.4498,
0.4788

93.2266, 0.3030,
0.3229

59.3040, 0.4527,
0.4788

95.7069, 0.3029,
0.3268

97.0860, 0.3029,
0.3290

Harmonies

Analogous

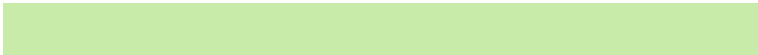
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.5677, 0.3954, 0.3811



74.5677, 0.3703, 0.4035



74.5677, 0.3306, 0.4054

Triad

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



74.5677, 0.3703, 0.4035



74.5677, 0.2348, 0.3003



74.5677, 0.3342, 0.2834

Complementary

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



74.5677, 0.3703, 0.4035



41.5667, 0.2513, 0.2413

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.



74.5677, 0.2903, 0.2640



74.5677, 0.3703, 0.4035



74.5677, 0.2355, 0.2712

Square

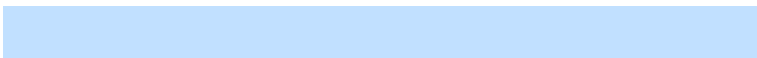
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.5677, 0.3703, 0.4035



74.5677, 0.2533, 0.3415



74.5677, 0.2550, 0.2592



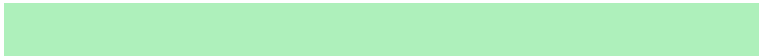
74.5677, 0.3745, 0.3133

Rectangle

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



74.5677, 0.3703, 0.4035



74.5677, 0.3016, 0.3924



74.5677, 0.2550, 0.2592



74.5677, 0.3193, 0.2755

Sweetspot

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



74.5711, 0.3703, 0.4035



95.3838, 0.3297, 0.3518



44.6586, 0.3825, 0.3136



20.2991, 0.3319, 0.3547



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.



74.5711, 0.3703, 0.4035



84.0755, 0.3824, 0.4180



77.9312, 0.3453, 0.4229



17.9855, 0.3272, 0.3485



32.9479, 0.4520, 0.4793



2.8586, 0.4470, 0.4833

Inverse Universe

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



41.5667, 0.2513, 0.2413



40.6724, 0.2374, 0.2203



39.7455, 0.2700, 0.2292



15.6533, 0.2980, 0.3087



4.3993, 0.1541, 0.0746



0.4890, 0.1599, 0.0957

Previews

White Background



This preview shows how the Yxy color 74.5677, 0.3703, 0.4035 looks on a white background.

Color Contrast Check

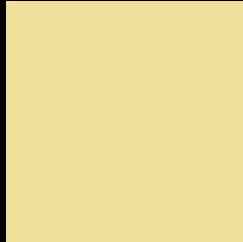
Large Text (above 18pt) WCAG AA × Fail

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 74.5677, 0.3703, 0.4035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

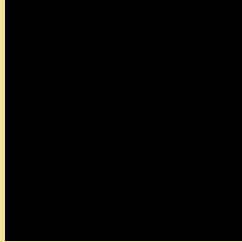
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

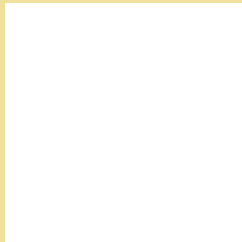
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.5677, 0.3703, 0.4035

Background



This preview shows how black text looks on a background with the Yxy color 74.5677, 0.3703, 0.4035.



This preview shows how white text looks on a background with the Yxy color 74.5677, 0.3703, 0.4035.

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

74.5677, 0.3703, 0.4035

Protanopia

74.5551, 0.3730, 0.4019

Deuteranopia

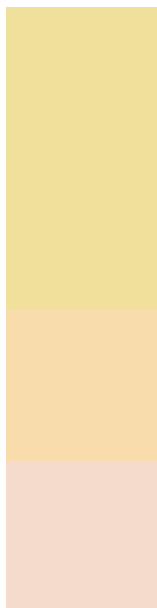
74.1810, 0.3677, 0.3671



Tritanopia

74.3835, 0.3252, 0.3118

Trichromacy



Original Color

74.5677, 0.3703, 0.4035

Protanomaly

74.3786, 0.3722, 0.4021

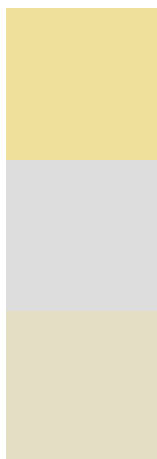
Deuteranomaly

74.2664, 0.3686, 0.3802

Tritanomaly

74.4351, 0.3422, 0.3447

Monochromacy



Original Color

74.5677, 0.3703, 0.4035

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.7678, 0.3339, 0.3563

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.5677, 0.3703, 0.4035 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(239, 225, 155)` looks like.

```
.text, #text, p{  
    color:rgb(239, 225, 155)  
}
```

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(239, 225, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 225, 155) }
```

Border

The CSS property to change the border of an element to Yxy 74.5677, 0.3703, 0.4035 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(239, 225, 155) }
```

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

```
.border{ border-color:rgb(239, 225, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 225, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 225, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 225, 155);  
box-shadow:4px 4px 4px 4px rgb(239, 225,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 74.5677, 0.3703, 0.4035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 225, 155) }
```

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

```
.background{ background-color: rgb(239,  
225, 155) }
```

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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